

# Kentucky State University

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CATALOGUE 1976-1978

## IMPORTANT FOR PROSPECTIVE STUDENTS

- 1. Have *high school transcripts* as well as credits earned at other colleges forwarded to the Dean of Admissions and Registrar
- 2. Make *room reservation* early.
- 3. *Enter on time.*
- 4. Be sure to take ACT test.

## HOW TO ADDRESS CORRESPONDENCE

- For information concerning room, write:  
Dean of Student Affairs.
- For inquiries concerning transcripts, admissions, courses of study, bulletins, etc., write:  
Office of the Registrar and Admissions.
- For information concerning student employment, write:  
Director of Financial Aid.
- For information concerning scholarships and loans write:  
Director of Financial Aid.
- For information concerning fees and other cost, write:  
Vice President for Business Affairs.

The address for all offices is:  
Kentucky State University  
Frankfort, Kentucky 40601

The cover for the catalogue was designed by James Edward Martin, a Freshman Art major at Kentucky State University.

# Kentucky State University



## Catalogue

Announcements for  
1976-77 and 1977-78

Volume 14    THE BULLETIN    Number 3

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Past President Carl M. Hill  
1962-75

New President William A. Butts  
1975-

## Organization, Support, and Accreditation

Kentucky State University is a coeducational, four-year institution located on a gently-rolling hill just inside the city limits of Frankfort, Kentucky, *the Capital of Kentucky*.

The campus is highlighted by Bradford Hall, Hathaway Hall and numerous other buildings. These structures spread out from the main administration building, Hume Hall.

Frankfort, the capital of Kentucky, is a rapidly growing community of approximately 34,000 inhabitants. A major portion of the state's governmental, economic and industrial business is handled here. Frankfort is centrally located near several metropolitan areas. Lexington and Louisville, Kentucky, and Cincinnati, Ohio, are all within close proximity.

Many areas of historic and scenic interest are near the Kentucky State campus. The most outstanding of these attractions is the grave of Daniel Boone, located in the Frankfort cemetery on a bluff overlooking the Kentucky River.

### HISTORY OF THE UNIVERSITY

Kentucky State University was founded as the result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected the first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 a high school was organized. This expansion continued in the twentieth century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons, and the president was made an ex-officio member of the Board of Trustees. In 1908,



a Practice School was organized. The next year Hume Hall and the first Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the College an independent institution under its own Board of Regents.

The name Kentucky State College was changed to Kentucky State University in 1972. Thus, the institution became one of the five regional state universities.

Since 1962, the institution has increased in enrollment from 868 to 2,300. Eleven new buildings have been completed. The faculty has increased in number from 49 to 150 full-time members. The University began its first graduate program in January, 1973.

Kentucky State University has been under the direction of eight presidents:

John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-1929; F. M. Wood, 1923-1924; R. B. Atwood, 1929-1962; Carl M. Hill, 1962-1975; and William A. Butts, 1975-.

Today, Kentucky State University has a well qualified faculty, an enriched academic program and a student body, faculty, and staff of approximately 3,000.

### SOURCES OF SUPPORT

The major source of support for the operation of Kentucky State University is from appropriations by the Kentucky General Assembly. Some support is provided by student fees and the Federal Government.

### MEMBERSHIP AND ACCREDITMENT

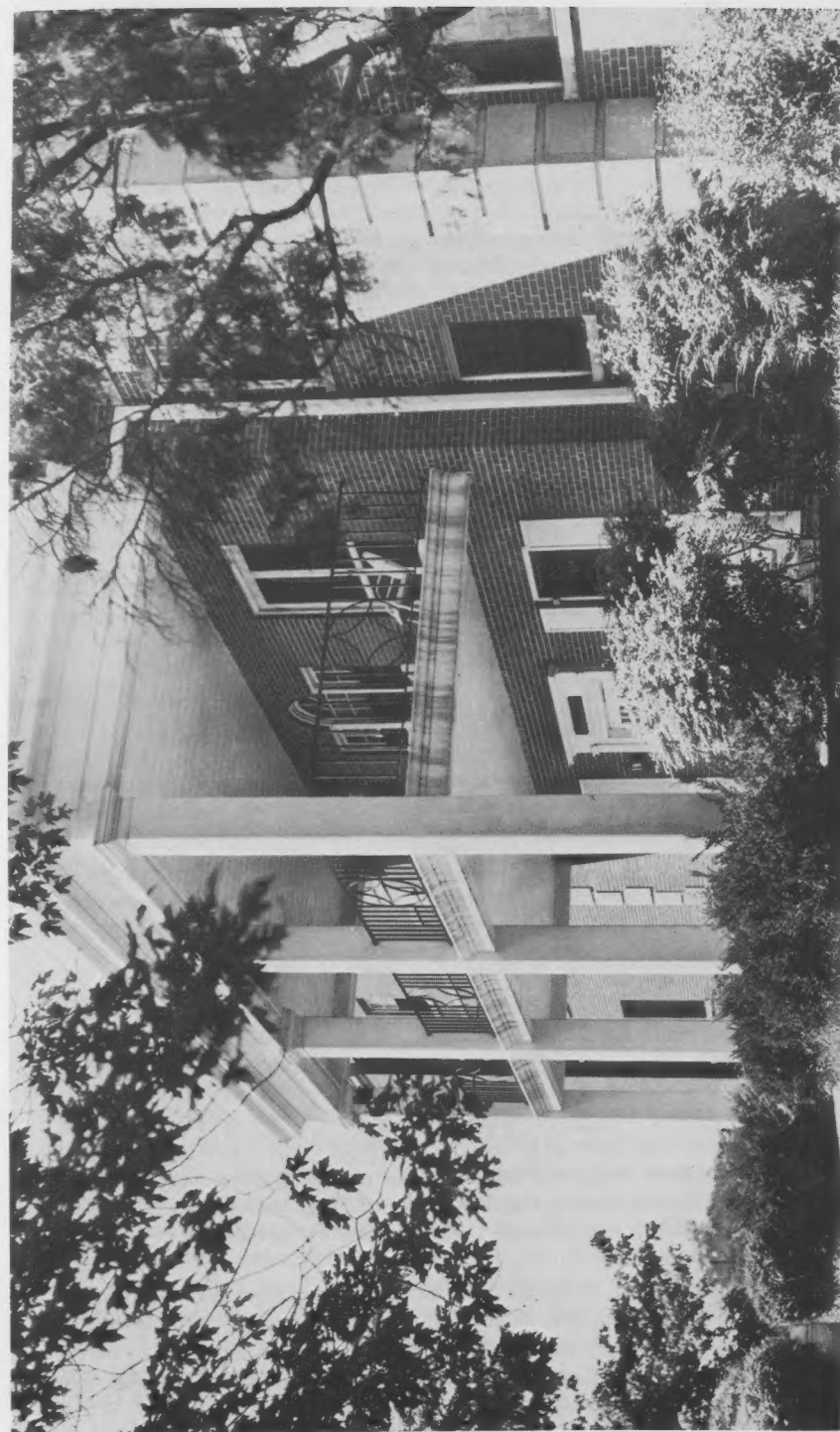
Kentucky State University is a member of:

- Kentucky Association of Colleges, Secondary and Elementary Schools.
- American Association of Colleges for Teacher Education.
- American Association of Land Grant Colleges and State Universities.
- Southern Association of Colleges and Schools.

Accreditation is extended to the institution by:

- National Council for Accreditation of Teacher Education.
- Kentucky State Department of Education.
- National League for Nursing.
- National Association of Schools of Music.
- Kentucky Board of Nursing Education and Nurse Registration.

Credits attained at Kentucky State University are accepted by other accredited institutions as transfer credit and for graduate study, professional placement, and employment.



## General Information

### AIMS AND PURPOSE

Kentucky State University desires to encourage the attainment of excellence in scholarship; the acquisition of special skills in the arts, sciences, and vocations; and the development of a sense of obligation to contribute to the intellectual, cultural, spiritual, and economic growth of the community.

In achieving these ends, Kentucky State University seeks to prepare its students to think critically; to express themselves creatively; to make independent and rational judgments; and to practice adherence to standards of moral rectitude.

The aims of Kentucky State University, consistent with the above philosophy, are to provide students: (1) a foundation for graduate and professional studies; (2) preparation for elementary and secondary teaching; (3) skills in vocational and technical home economics, and clerical, secretarial, technical and managerial positions in business and commerce; and (4) vocational-technical preparation on a two-year level.

To achieve these aims, Kentucky State University offers curricula in four areas: (1) regular four-year liberal arts program, (2) two-year community-college program, (3) late afternoon-evening program, and (4) graduate program.

### FUNCTION

As a state and Land-Grant institution, Kentucky State University is committed to three educational functions: teaching, research, and public service.

### LOCATION

Kentucky State University is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of 26 buildings and about 220 acres of rolling land, covered with blue grass and beautifully studded with evergreen and deciduous shade trees.

U.S. Highway No. 60 passes between the main campus and south campus, consisting of dormitories, the athletic complex and Industrial Arts Building. Entrances to both areas are located on this thoroughfare.

Interstate 64 is located approximately two miles from the Campus. Interstate 75 is about 16 miles east. Interstate 65 is 50 miles west.

## GOVERNMENT AND DISCIPLINE

The general direction of Kentucky State University's affairs is in the hands of the President, the Vice President for Academic Affairs, and the Faculty, with special problems being brought before the Executive Council. The Dean of Student Affairs coordinates all student personnel activities. Conduct problems of a serious nature are referred to the Committee on Student Personnel, subject to review by the Executive Council.

### BUILDINGS AND FACILITIES ACADEMIC AND ADMINISTRATIVE BUILDINGS

*HUME HALL*, the center of the administrative offices, was erected in 1909. The building was totally renovated in 1964 and 1969. The first floor of the two-story building provides office space for the primary administrative officers; the second floor houses the following administrative offices: Student Personnel, College Placement, Financial Aid, Dean of Development, and Student Counseling Center.

*PAUL G. BLAZER LIBRARY* is the heart of the institution. It provides an atmosphere suitable for study and encourages recreational reading for both students and faculty. It has a book stack area to accommodate 60,000 volumes, a conference room, a staff lounge, curriculum library, and other facilities for students and staff.

*The Addition to Paul G. Blazer Library*, was completed in the Spring of 1968. It more than doubled the library floor space, and provided book shelves to house more than 130,000 volumes. The completely air-conditioned addition contains book stack space, individual study carrels, book processing rooms, library staff offices, conference rooms and the main circulation counter.

*JACKSON HALL* is a two-story brick building of the German Castle style, erected in 1887. It was the first building erected at the institution. This building is the future home of the proposed museum.

*GEORGE WASHINGTON CARVER HALL* is a science class room building dedicated in 1952. It provides classrooms, a lecture auditorium, modernly equipped laboratories for instruction and research in biology, chemistry, mathematics, and physics, faculty offices, and offices for department chairmen.

*The Annex to George Washington Carver Hall* was completed in the Spring of 1968. The building is connected to the George Washington Carver Hall's main structure by an enclosed passageway. The three-story building is completely air-conditioned. It contains faculty offices, faculty research laboratories and instructional laboratories for the Department of Chemistry; a small animal room, faculty offices and faculty research laboratories for the Department of Biology; office space for the Physics faculty; and data processing facilities.

The original George Washington Carver Hall structure was renovated, and houses the Departments of Biology and Mathematics. The renovation was completed in the Fall of 1968.

*BRADFORD HALL* is a modern structure, completed in 1965, that houses the Department of Business-Economics, the Department of Music, and the dramatic arts. The upper level is occupied by a small theatre, main auditorium, dramatics room, offices, conference room, general purpose classrooms, laboratories and a machine room for business instruction. The lower level contains the facilities of the music department. Included are classrooms, studio practice rooms, and offices. The building is the center of many cultural and educational activities. The building is named after the late Dean of Kentucky State University.

*BELL HEALTH AND PHYSICAL EDUCATION BUILDING* was erected in 1962. The primary function of this building is for instruction in health and physical education. There are 33,000-square feet of floor area, affording space for two classrooms, a large game floor, a swimming pool, two team rooms, a concession stand, offices for teachers and other facilities.

*ROSENWALD ELEMENTARY LABORATORY SCHOOL*, erected in 1954, is a one-story brick and tile structure. This building is equipped to provide supervised instruction in elementary education. It contains three classrooms, a library, an art room, an office for teachers and a cafeteria.

*HATHAWAY HALL* was constructed in 1967. This ultra-modern building houses the Departments of English, Education-Psychology, History and Political Science, Home Economics, Romance Languages, and Sociology; Art, Nursing Education, and the Career Planning and Placement Program. The five-story building is completely air-conditioned, and contains classrooms, instructional laboratories, a large lecture hall, faculty and student lounges, faculty offices and art studios.

*A. J. RICHARDS PUBLIC AFFAIRS CENTER*, erected in 1919, is an eight-room, two-story brick building that houses the Public Affairs program and the Office of Public Information.

*SHAUNTEE HALL* was completed in June, 1970. This new facility houses the four-year teacher-training Industrial Arts program and three two-year technology programs with Associate Degree offerings. The lower floor has two metal shops, a woodworking shop, a crafts room, two classrooms, five offices and necessary utility and storage rooms. The upper floor houses two drafting rooms, two laboratories for power mechanics and electronics, necessary storage rooms, and a mechanical room. All areas of the building are air-conditioned except the shops, corridors, storage, and mechanical rooms. There are forced-air circulation and exhaust systems for the shops.

### SERVICE BUILDINGS

*THE UNDERWOOD CAFETERIA* was erected in 1939 as the dining hall for the college. The cafeteria was completely remodeled in 1969 and prepares meals for all resident students. A snack bar and recreation room are also located in the building.





*THE CARL M. HILL STUDENT CENTER* is the center of student life. Erected in 1970-71, this completely air-conditioned building serves as a common meeting place for students, faculty and staff. Located in this building are a four-lane bowling alley, administrative offices, college bookstore, grill, pool and table tennis rooms, lounging area, organizations' meeting rooms, and ballroom-banquet-theatre area.

*THE BETTY WHITE HEALTH CENTER*, erected in 1971, is a two-story structure containing a lounge area, offices, medical laboratory, dental office, doctor's consultation rooms, physical therapy room and x-ray room. There is a fifteen-bed ward for men, with similar accommodations for women, an isolation ward, and an apartment for the resident nurse.

*ALUMNI HOUSE* is a modern brick cottage, containing a large lounge and two dormitory rooms. The lounge is suitable for small conferences and lends itself to many types of social events.

*JAMES A. JORDAN HEATING PLANT*, erected in 1939, is a one-story brick fire-proof building. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings. Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

*ROBERT H. JORDAN BUILDING* was completed in the Spring of 1968. This two-story building houses the Department of Maintenance and Provides storage and dispensary facilities for college supplies and equipment. The building contains two large storage rooms, staff office space, several repair shops for the carpentry, plumbing, electrical, and automobile mechanics trades, and space for roads and grounds equipment. The building will also serve as the headquarters for the Security Personnel.

*SPORTS CENTER*, completed in 1971, contains a 6,500-seat basketball—special events arena, with an unhindered view from every seat. Cultural and entertainment events are brought into the Center when it is not serving as the home court of the champion Kentucky State University basketball team. It is located in downtown Frankfort.

*OUTDOOR RECREATIONAL FACILITIES*—Kentucky State University provides outdoor recreational facilities for men and women students. There are basketball courts, tennis courts, and facilities for softball and archery.

*The Memorial Athletic Complex* was constructed in 1969. The first units of the complex consists of a baseball playing field with two dugouts and spectator seats, a parking lot, a football stadium, and a storage field house. A running track was completed in 1974, thus making this facility one of the best and most modern in this section of the country.

## DORMITORIES AND LIVING QUARTERS

*ATWOOD HALL*, erected in 1935, is a modern three-story double-L shaped fire-proof dormitory for men students. It has a spacious lobby, two club rooms, a director's office, and two five-room apartments.

*CHANDLER HALL*, erected in 1939, is a modern three-story fire-proof brick dormitory for women. The first floor contains a lobby, reception room, office for the director, and a small kitchenette.

*COMBS HALL*, erected in 1964, is a recently constructed dormitory. It has four floors, and a basement. It is a modern structure with complete facilities for study, recreation and comfortable living. It was recently converted to a women's dormitory.

*HUNTER HALL*, the newest dormitory for women on the campus, was completed in 1964. Rooms for students are located on three floors. The basement contains a recreation room with television, a canteen room, kitchen, beauty parlor, trunk room, and storage room.

*KENTUCKY HALL*, erected in 1929, is a two-story, double-L shaped modern fire-proof dormitory for women. The building contains fifty-two student rooms, director's apartment, and a student reception room. In the basement is a club room.

*McCULLIN HALL*, erected in 1949, consists of three stories and a basement. In the basement are a lounge, a Y.M.C.A. room, a billiard room, a barber shop, a kitchen, and a room for visiting athletic teams, large enough to accommodate 40 persons.

*WHITNEY M. YOUNG, JR. HALL* was constructed in 1967. This completely air-conditioned building provides living accommodations for 324 men students. In addition to bedrooms, the three-story building contains several recreational and lounging facilities, guest rooms, a director's apartment, living accommodations for professional and student counselors, and a conference room.

*THE HILLCREST*, President's Residence, located on the south campus, was constructed in 1972. The two-story brick dwelling contains eight rooms and other modern living accommodations.

*FACULTY APARTMENTS AND COTTAGES*—In 1948 the James S. Estill and James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve family units. In addition there are several other cottages and apartments for faculty use.

*NEW FACULTY APARTMENT BUILDING*, named Green P. Russell Court, was erected in 1967. It provides living accommodations for 20 families. The four-story building contains 8 two-bedroom family units and 12 one-bedroom family units. It is completely air-conditioned, and is located near the extreme end of the south campus.

## STUDENT ACTIVITIES

### SOCIAL LIFE

The opportunity for the socialization phase of student life is provided through social activities which provide for the out-of-class growth and development of students. They provide an ideal milieu for practice in investigative think-

ing as answers are gathered from a wide variety of sources and checked against real human emotions, purposes, desires, and ideas. The role of social activities then, is to supplement the classroom by providing extended and different means of fulfilling the requirements of education. They help students in the attainment of a better understanding of organizational skills and reality.

## STUDENT ORGANIZATIONS

Students find opportunities for expression and development through various voluntary student organizations. The following constitutes a list of such organizations.

*Alpha Kappa Mu Honor Society* is designed to give recognition and encouragement to high scholarly attainment. Any student enrolled in any department who maintains an average of 3.30 or better for five semesters of college work is eligible to become a member of this society.

*Alpha Mu Gamma Foreign-Language Honor Society* was organized in 1965. Its primary purpose is to honor students for outstanding achievement during the first two years of foreign language study in college.

*Alpha Phi Omega* is a National Service Fraternity for college and university men. Its purpose is to develop leadership, to promote friendship, to provide service to humanity, and "to further the freedom that is our national, educational and intellectual heritage." Since its founding in 1925 more than 100,000 men have joined Alpha Phi Omega on more than 450 college and university campuses. Alpha Phi Omega National Service Fraternity was chartered at Kentucky State University on May 14, 1966, as Pi Omega Chapter.

*Beta Kappa Chi Scientific Society* was organized at Kentucky State University, October 14, 1946. The objective of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

*The Black Student Union* was organized on May 1, 1969. It is designed to create a black awareness, to foster black pride and to maintain black unity.

*Gamma Sigma Sigma National Service Colony* is based on the high ideals of service. Not only are the members serving on the campus, but they are active in community and national affairs. The purpose of Gamma Sigma Sigma is to assemble college and university women in the spirit of service to humanity, and serves to develop friendship among women of all races and creeds, through working side by side through the fulfillment of the goals common to all.

*The International Relations Club* meets monthly to discuss current topics of international affairs. Foreign students and teachers on the faculty from other countries are frequent speakers, as well as guests from off-campus. The club plans the annual United Nations Day Program in October. The Department of History and Political Science sponsors the club and majors and minors in the department are urged to participate. Any student on campus may join.

*The Veterans Club* meets monthly to discuss issues, public laws and events that are related to the veteran's well being on this campus. This club is designed primarily to bring about unity among the veterans on the campus.

*The Wesley Club* seeks to deepen, enrich and nurture the Christian faith of college men and women. It attempts to lead members of the college community to accept Christ as their personal Savior; lead them to participate in the fellowship of Christian life on the campus; and, help them to achieve the richness of the Christian community. It attempts to develop local campus fellowships which are warm, deeply committed to Christ, and in which student and faculty can mutually strengthen one another in Christian thinking and living.

## FRATERNITIES AND SORORITIES

*Beta Zeta Chapter* of the Alpha Kappa Alpha Sorority was set up on the Kentucky State University campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to foster unity and friendship between college women and students and the alumnae.

*The Beta Mu Chapter* of Alpha Phi Alpha Fraternity was set up on the Kentucky State University campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

*The Alpha Pi Chapter* of the Delta Sigma Theta Sorority was organized at Kentucky State University April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

*Psi Psi Chapter* of the Omega Psi Phi Fraternity was set up at Kentucky State University November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

*The Alpha Upsilon Chapter* of the Kappa Alpha Psi Fraternity was organized at Kentucky State University March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

*Lambda Chapter* of Sigma Gamma Rho Sorority Inc. was founded November 12, 1922 at Indianapolis, Indiana. The purpose of the sorority is expressed in its slogan "Greater Service, Greater Progress." Lambda Chapter was chartered on the Kentucky State University campus in 1948 and reactivated on campus, February 1969.

*The Xi Lambda Chapter* of Phi Beta Sigma Fraternity was established on Kentucky State Campus in February, 1935. It was re-activated on September 26, 1975. The chapter seeks to advance the ideals of brotherhood and service, promote education and scholarship, develop appreciation for culture, and foster such programs as may be indicated by these objectives.

### *Pan Hellenic Council*

The constitution of the Pan Hellenic Council sets forth the aims and purposes of the organization:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organization to follow the principles of fraternalism; and in order that the best interest of the college may be served."

### *Student Government Association*

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the Student Government Association as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of the student body."

### *Dramatics*

The Kentucky State University Theatre gives an opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

### *Forensics*

Debate teams, for both men and women, are organized to allow students to participate in intercollegiate forensics. Inter-class debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of intercollegiate debates held during the year. Students who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics are admitted to membership in this organization.

### *Publications*

*The Kentucky Thorobred* is a student publication issued under the general supervision of a faculty member. It is prepared for publication by interested students.

*The student yearbook*, with pictures covering college and student activities, is issued and distributed each year by a staff of students under the supervision of a faculty advisor.

### *The University Movie*

Movies are shown on campus from one to two times per week. The presentations include the best movies of past and present years as a regular part of the program.

### *Cultural Activities*

A number of lectures, recitals, concerts, socials, assemblies, etc., are scheduled so that students may develop an appreciation of the arts and other aspects of our cultural heritage.





## GUIDANCE AND COUNSELING

Guidance and Counseling functions are coordinated through the Counseling Center. The Counseling Center offers methods for diagnosing the abilities, interests, background and needs of the individual student; it offers methods of relating such findings to the individual's life adjustment, and methods of selecting from available curricula that individual curriculum most suited for the student. Professional counselors together with faculty advisors assist the students in their academic, personal, social and vocational development. Students with counseling needs of a complex and involved nature will find the services of the Kentucky State University Psychiatrist available.

## HEALTH SERVICES

The Student Health Center provides both preventive and a therapeutic program of services for students attending Kentucky State University. Kentucky State University makes every effort to insure that the physical and mental health of students is maintained.

Health education is a vital part of the health program. Emphasis is on preventive as well as corrective measures. Periodic lectures and seminars are conducted by the health center personnel on topics that are relevant to the promotion of good health.

## THE LIBRARY

The library system of Kentucky State University is composed of the following units: Blazer Library, the Music Library, the Media Center, the Instructional Materials Center, and the Rosenwald Laboratory School Library. All of these units provide an atmosphere suitable for study and encourages recreational, informational, and inspirational reading for students, faculty, staff, and citizens of the community.

The Blazer Library was dedicated in March, 1960 with an addition being completed in 1968. Record listening booths, a classroom, a staff lounge, and other facilities are available. The library has a collection of 150,000 well chosen volumes. A disc record collection, microfilm, microfiche, bound periodicals, state and Federal government documents, art reproductions, and approximately 1000 periodical subscriptions are also held by the library.

The Music Library which is located in Bradford Hall contains books, records, scores, and other materials that support the curricula of the Music Department. The Media Center, located in Hathaway Hall, houses films, filmstrips, multimedia materials, and audio-visual equipment. The Instructional Materials Center which is also located in Hathaway Hall contains state-adopted textbooks, a filmstrip collection, courses of study, and other curriculum materials useful to the teacher education program. The Rosenwald Laboratory School Library houses books and other materials appropriate to the elementary school pupil.

## CAREER PLANNING AND PLACEMENT SERVICES

The primary function of the Office of Career Planning and Placement is to offer to the students and alumni a professional employment service. This service includes an effective, efficient, and objective process for counseling under the supervision of the Director of Placement and his staff. All services of the Placement Office are provided without charge.

The Placement Staff counsels students on career planning and the preparation of resumes. The primary objective is to assist students in planning and effecting their efforts to secure employment which they believe will develop into satisfying careers.

Continuous communication is maintained between the staff members of the Office of Career Planning and Placement Services on both the local and national levels. Representatives from business organizations, governmental agencies, and educational systems throughout the country visit the campus on a scheduled basis during the recruiting season. Personal interviews are arranged for interested graduating students (associate and bachelor degrees), graduate students and alumni.

It is also the function of this office to keep the Administration, faculty and staff informed as to employment trends, standards, and requirements, particularly as they would interested or affect the specific office or department concerned.

## ALUMNI ASSOCIATION

The Kentucky State University Alumni Association's purposes are to promote the highest interest of Kentucky State University and its alumni; to keep in close touch and harmonious cooperation with the chapters; and to perpetuate the highest traditions and ideals of Kentucky State University.

## STUDENT AUTOMOBILES

Students registered as freshmen and sophomores, regardless of the number of years they have attended college, are forbidden to possess and/or operate motor vehicles. Students on academic or disciplinary probation, regardless of their classification, are forbidden to possess and/or operate motor vehicles at the institution. Exceptions to these regulations will be granted only with special permission of the Dean of Student Affairs in order to avoid hardship based on physical handicap, in order to commute to classes, for use of the car for essential work, and other proven need.

No student may operate a motor vehicle at the institution until he has registered it. Request for a permit must be made not later than the last day of registration. If the student is under 21 years of age, the application must be accompanied by the written consent of his parent or guardian, regardless of the ownership of the vehicle.

A student desiring to register a motor vehicle must present a valid operator's license, and must show that when he is driving the vehicle he is insured against public liability and property damage in an amount not less than the minimum amount recommended by the Department of Insurance of the Commonwealth of Kentucky.

## STUDENT HOUSING

### MEN'S RESIDENCE HALLS

ATWOOD HALL, a residence hall for men, accommodating 140 men, is completely furnished, well-lighted, heated by steam, equipped with shower baths and is comfortable at all seasons of the year.

McCULLIN HALL accommodates 132 men. Each bedroom has built-in closets and shelves and will accommodate two students. All rooms are radiant heated and adequately lighted.

YOUNG HALL has facilities for 324 students. This recently-completed structure has every modern convenience.

### WOMEN'S RESIDENCE HALLS

CHANDLER HALL, a residence hall for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam-heated and well ventilated and lighted.

COMBS HALL comfortably houses 108 students on its four floors. It is a modern structure that is centrally heated.

HUNTER HALL, the newest and most modern residence hall for women, accommodates 102 students. An adequately furnished basement makes it possible to prepare snacks and take care of beauty needs.

KENTUCKY HALL accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam-heated and are comfortable all the year.

### ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the residence halls are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which applications are received, but no reservations will be made unless there is an advance payment of \$10.00. The advance payment is credited to the student's account at the time of registration and will not be refunded except in the case where a student is officially denied admission by the Office of the Dean of Admissions and Registrar. Requests for room reservations should be addressed to the Director of Housing.

### RENT CHARGES FOR RESIDENCE HALLS

Atwood Hall .....	\$380.00
Chandler Hall .....	380.00
Kentucky Hall .....	380.00
McCullin Hall .....	380.00
Combs Hall .....	398.00
Hunter Hall .....	398.00
Young Hall .....	453.00

One-half of both expense items is to be paid during each of the two semesters. All fees and expense are payable in accordance with the payment schedule as outlined in another section.

### Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State University attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged for school property destroyed.

### Articles To Be Furnished By Students

Whether rooming on the campus or in private homes, students are required to furnish bed spreads, comforts or blankets, soap, runners for desk and dresser, bed linen, towels and pillows.

## FINANCIAL ASSISTANCE TO STUDENTS

The expenses connected with attending Kentucky State University are intentionally kept as reasonable as possible, and compare quite favorably with costs at other institutions of equal rank and prestige. Expenses are printed elsewhere in this section.

Parents are encouraged to arrange to pay expenses in full so students will not have to work their way through school. College studies are difficult and students need much time for study and for the wholesome extra curricular activities. A job may take up time that the student needs for study.

Even though expenses are kept very reasonable, Kentucky State University maintains a program of financial assistance for those who could not otherwise attend. The primary administration of this program is in the hands of The Committee on Student Financial Aid. Any student, seeking aid must file proper application for financial aid in addition to the application for admission to Kentucky State University.

## APPLICATION FOR FINANCIAL AID ACADEMIC YEAR

### FRESHMEN AND TRANSFER STUDENTS:

Three specific steps must be taken before a freshman or transfer student can be considered for aid:

1. The prospective student must submit his application materials for admission to Kentucky State University to the Office of the Registrar and Admissions.
2. The parents (or guardians) of an applicant for financial aid must complete a Parents' Confidential Statement. This form, along with instructions, may be obtained from a high school counselor or from the Kentucky State University Student Financial Aid Office. This form should be completed and mailed in January, February, or March to the College Scholarship Service according to the instructions.
3. The student must complete an Application for Financial Aid. This form may be obtained from the Student Financial Aid Office and should be completed and returned to that office as soon as possible. This step should also be taken in January, February, or March.

Not until all three of the above steps are completed can a student even be considered for financial aid. All students should apply for a Basic Educational Opportunity Grant.

#### SOPHOMORES, JUNIORS AND SENIORS:

Two specific steps must be taken before sophomores, juniors, or seniors can be considered for financial aid.

1. The parents (or guardians) must complete a *new* parents' Confidential Statement *each year* the student applies for aid. This should be completed in January, February, or March and mailed to the College Scholarship Service according to the instructions. This form, along with instructions, is available in the Student Financial Aid Office.
2. A new Application for Financial Aid must also be completed for each academic year. This should be done in January, February, or March also. This form is available in the Student Financial Aid Office and should be returned to that office.

Not until both of the above steps are completed can a student even be considered for financial aid. All students should apply for a Basic Educational Opportunity Grant.

#### SUMMER SCHOOL

Two forms, a Parents' Confidential Statement, and an Application for Financial Aid, are needed before a student can be considered for financial aid for Summer School.

1. If a Parents' Confidential Statement has been submitted for the immediately preceding academic year, a new form is not necessary for Summer School. Otherwise a new form must be submitted previous to April 1st.
2. A separate Application for Financial Aid must be submitted between March 1st and May 1st in order to receive consideration for a Summer School Financial Aid Award.

#### TYPES OF ASSISTANCE KENTUCKY STATE ACADEMIC SCHOLARSHIPS

Kentucky State University awards scholarships to Kentucky students who graduate in the top 15% of their class. These scholarships normally go to Freshmen and are renewable if the student maintains a 3.0 average. Although a Parents' Confidential Statement is not required, the student is encouraged to submit one as this may enable the institution to provide additional assistance from another source. *An Application for Financial Aid is required.*

#### DEPARTMENTAL SCHOLARSHIPS

The Departments of Music and Home Economics have several types of scholarships which are administered by the Chairman of the respective Department. A student planning to major in either of the above areas should contact the Department for scholarship information. Although a Parents' Confidential





Statement and an Application for Financial Aid are not required, the student is encouraged to submit these as this may enable the institution to provide additional assistance from another source.

*The Mary E. Hill Memorial Scholarship* is awarded annually to an outstanding student who is majoring in biology, chemistry, mathematics or music. It is awarded in memory of the late wife of the President, Mary E. Hill, who was a great lover of the arts and sciences.

### BASIC EDUCATIONAL OPPORTUNITY GRANTS

Basic Educational Opportunity Grants are part of a new federal program which requires that interested students *apply directly to the government* for the funds. This program requires a special application which may be obtained from post offices, high school guidance counselors, or the Kentucky State University Financial Aid Office. This application must be mailed to the address shown on the application. All students should apply for this grant in order to have a complete financial package.

### SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS

Kentucky State University makes grants of up to \$1,000 per academic year to students who could not otherwise enroll in college. These grants are then renewable for up to four years. *You must apply for a BEOG grant in order to be considered for this grant. Eligibility for the grant is determined from the information submitted on the Parents' Confidential Statement and the Application for Financial Aid.*

### NATIONAL DIRECT STUDENT LOANS

Kentucky State University makes loans to students who are in need of funds in order to attend college. These loans carry a 3% simple interest charge, which begins nine months after graduation or withdrawal. A portion of the loan may be cancelled for students who become teachers. *A Parents' Confidential Statement and an Application for Financial Aid are necessary to determine eligibility for this loan.*

### STATE STUDENT INCENTIVE GRANT

Students who are Kentucky Residents can qualify for a grant from the State of Kentucky. They must fill out an application which is available from the Kentucky Higher Education Assistance Authority or the Financial Aid Officer in order to qualify for this grant.

### KENTUCKY STATE UNIVERSITY STUDENT LOAN FUND

In March 1950, the State Board of Education established the Kentucky State University Student Loan Fund and used a gift from Mr. Paul G. Blazer of Ashland, Kentucky, as the first deposit therein. Eligible students are granted short term loans from this Fund. Applications for loans from this Fund should be made to the Committee on Scholarships and Loans.

### PART-TIME EMPLOYMENT PROGRAMS

Kentucky State University employs students under the College Work-Study Program and the Part-Time Employment Program for up to 15 hours per week. Earnings under these programs range from \$300 to \$900 per academic year. *A Parents' Confidential Statement and an Application for Financial Aid must be submitted for employment under either program.*

### NURSING STUDENT ASSISTANCE PROGRAMS

Special loans and scholarships are available to students enrolled in the Nursing Program. The loans carry a 3% simple interest charge which begins nine months after ceasing to be a full-time student. A portion of the loan may be cancelled for students who become full-time professional nurses. *A Parents' Confidential Statement and an Application for Financial Aid are necessary to determine eligibility for these special programs.*

### VETERANS BENEFITS

Kentucky State University is an educational institution approved for training by the Veterans Administration. Listed below are guidelines for students who wish to determine their eligibility for benefits under Veterans Laws. Any student wishing more information should contact the Office of the Dean of Admission and Registrar.

#### THOSE ELIGIBLE FOR BENEFITS UNDER VETERAN LAWS:

*Veterans*—who have received a discharge or release from duty under honorable conditions, AND who have served a *continuous* period of active duty of 181 days or more, any part of which occurred after January 31, 1955, OR

*Disabled Veterans*—who have served less than 181 days of continuous active duty and were discharged for a service-connected disability, under honorable conditions, after January 31, 1955.

*Servicemen*—who have served on active duty for at least two years and whose military assignment permits this educational pursuit.

*Sons and Daughters of Veterans*—who died or are permanently and totally disabled as the result of a service-connected disability incurred or aggravated during active service in the Armed Forces.

*Widows of Veterans*—who received a service-connected disability while on active duty and were honorably discharged and who died as the result of this service-connected disability, or who died while a permanent, service-connected disability was in existence OR

*Wives of Veterans*—who received a service-connected disability and were honorably discharged, and who are totally and permanently disabled as the result of this service-connected disability.

Note: These are general guidelines—an official determination of eligibility must always be made by the Veterans Administration.

If additional information is needed you may write to:

STUDENT FINANCIAL AID OFFICE  
KENTUCKY STATE UNIVERSITY  
FRANKFORT, KENTUCKY 40601

## CLASSIFICATION FOR FEE ASSESSMENT PURPOSES

**SECTION 1. INTENT.** Under current law the Council on Public Higher Education as a matter of policy establishes a higher fee or tuition for non-resident students attending public institutions than that charged Kentuckians. It is the intent of the Council on Public Higher Education that the state institutions of higher education in the Commonwealth of Kentucky shall apply uniform interpretations, as described in this policy and not otherwise, in determining whether students shall be classified as residents or non-residents for fee assessment purposes.

### SECTION 2. DEFINITIONS. Wherever used in this policy:

(1) The word "institution" shall mean a college, university, or community college supported by appropriations made by the General Assembly of Kentucky.

(2) The word "residence" or "reside" shall denote continuous presence within this State, provided that temporary absence for short periods of time shall not affect the establishment of a residence.

(3) The word "domicile" shall denote a person's true, fixed, and permanent home and place of habitation. It is the place where he intends to remain, and to which he expects to return when he leaves without intending to establish a new domicile elsewhere. Residence and domicile convey the same notion of permanence and principal home and are used interchangeably.

(4) The term "emancipated person" shall mean a person who has attained the age of 18 years, and whose parents: (A) have entirely surrendered the right to the care, custody, and earnings of such person; (B) who no longer are under any legal obligation to support or maintain such person; (C) who no longer, in fact, voluntarily contribute substantial financial assistance; and (D) whose parents' income is not taken into account by any private or governmental agency furnishing financial educational assistance to such person, including scholarships, loans, and other assistance. If ALL of the aforesaid dependency tests are not met, said person shall be deemed an "unemancipated person."

(5) The word "parent" shall mean a person's father or mother, or the parent having custody, or if there is a legal guardian or legal custodian of an unemancipated person, then such guardian or legal custodian; provided that such guardianship was not created primarily for the purpose of conferring the status of resident on such unemancipated person.

(6) Attendance at a college or colleges in this State shall be deemed "continuous" if the person claiming continuous attendance has been enrolled at a college(s) in this state as a full-time student, as such term is defined by the governing body of said college(s), for two consecutive regular semesters since the beginning of the period for which continuous attendance is claimed. Such person need not attend summer sessions or other such intersession in order to render his attendance "continuous."

(7) The word "his" shall apply to the female as to the male sex.

## SECTION 3. GUIDELINES FOR DETERMINATION OF STATUS.

(1) The domicile of an unemancipated person is that of his parent.

(2) Upon moving to this State, an emancipated person who provides persuasive evidence of domicile may apply for resident classification for his unemancipated children; and provided that said person is not himself in this State primarily as a full-time student, his unemancipated children may at once be so classified.

(3) Any person who remains in this State when his parent(s), having theretofore been domiciles in this State, removes from this State, shall be entitled to classification as a resident while in continuous attendance at the degree level in which he is currently enrolled.

(4) An unemancipated person whose parent is a member of the Armed Forces and stationed in this State pursuant to military orders shall be classified as a resident. The student, while in continuous attendance at the degree level in which he is currently enrolled, shall not lose his resident status when his parent is thereafter transferred on military orders.

(5) An emancipated person who moves to the Commonwealth within six months from the date of discharge from the military service with the stated intent of becoming a resident of the Commonwealth shall be permitted to count such time spent in the military service toward meeting the presumptions outlined in Section 4, provided the individual entered military service from the State of Kentucky or his home of record and permanent address at the time of discharge was Kentucky.

**SECTION 4. PRESUMPTIONS.** *Unless the contrary appears from clear and convincing evidence, it shall be presumed that:*

(1) Except as provided in Section 4 (2), every person remaining in this State in a non-student status for the twelve months immediately preceding the last date for enrollment in the institution shall be presumed to be a resident student for fee assessment purposes. No person having his domicile elsewhere than in this State shall be classified as a resident for fee assessment purposes.

(2) No emancipated person shall be deemed to have gained residence while attending any educational institution (public or private) in this State as a full-time student, as such status is defined by the governing board of such institution, in the absence of a clear demonstration that he has established domicile in the State. However, attending college in a part-time status will not prevent such person who has bona fide full-time employment in the State from establishing domicile.

(3) The domicile of a married person shall be determined by the provisions of these regulations independent of the residency of the spouse.

(4) A person does not gain or lose resident status for reason of this presence in any state or country while a member of the Armed Forces of the United States. However, a member of the Armed Forces of the United States stationed in Kentucky on military orders, except members of the Armed Forces specifically assigned for educational purposes to state-supported institutions of higher education is presumed to be domiciled in the State and shall be entitled to classification as a resident while on active duty in this State pursuant to such orders. Resident status is similarly granted to his unemancipated children.

(5) In the event an unemancipated person's parents should have separate domiciles, his domicile shall be that of the parent having legal custody. In the event neither parent has legal custody, his domicile shall be that of the parent furnishing him the greater financial assistance.

(6) Use of Records. A student whose admissions records shows him to be a graduate of an out-of-state high school and his residence to be outside of Kentucky will normally be classified as a non-resident.

(7) Aliens. Aliens lawfully admitted to the United States for permanent residence under a permanent visa may establish Kentucky residence in the same manner as any other non-resident. An alien who possess a student visa cannot be classified as a resident.

**SECTION 5. TYPE OF EVIDENCE TO BE CONSIDERED FOR ESTABLISHMENT OF DOMICILE.** If a person asserts that he has established domicile in Kentucky for a period of twelve months immediately preceding the last date for enrollment in an institution, he has the burden of proving he has done so. The following statements pertain to the kinds of evidence that will be considered in reviewing an assertion by a person that he is domiciled in Kentucky.

(1) The following facts, although not conclusive, have probative value in support of a claim for resident classification: acceptance of an offer of permanent employment in this state; former residence in the State and the maintenance of significant connections therein while absent; or abandonment of a former domicile and establishing domicile in the State with attendance at an institution following and only an incident to such domicile.

(2) The following facts are not necessarily sufficient evidence of domicile: employment by an institution as a fellow, scholar, assistant, or in any position normally filled by students; a statement of intention to acquire a domicile in this State; voting or registration for voting; the lease of living quarters; payment of local and state taxes; Kentucky automobile registration; Kentucky operators license; continued presence in Kentucky during vacation periods; marriage to a Kentucky resident; or the owning of any real property.

**SECTION 6. RESIDENCY CLASSIFICATION AND APPEAL PROCEDURES.** Each institution shall establish a Non-Resident Fee Committee to consider changes in resident status based on the above criteria. Application for change of resident classification shall be made in writing to the Dean of Admissions or to the person who has been designated as the Chairman of the Non-Resident Fee Committee. The Chairman may present each case to the Committee for a final decision, and the student will be notified in writing as to the disposition of his application.

In the event of ruling by the Non-Resident Fee Committee which is unsatisfactory to the student, the student may request that a copy of his file be submitted by the Dean of Admissions or the person designated by his institution to the Executive Director of the Council on Public Higher Education for referral to the Council's Committee on Residency Review for its recommendation to the institution.

**SECTION 7. EFFECTIVE DATE.** These revised guidelines become effective on July 1, 1975, and supersede all previous policies of the Council relating to classification of students for fee assessment purposes.

## REGISTRATION FEES

Each full-time resident student pays a registration fee of \$180.00 per semester for the 1974-75 school year, and \$180.00 per semester for the 1975-76 school year. Each full-time non-resident student pays a registration fee of \$445.00 per semester for the 1974-75 school year, and \$445.00 per semester for the 1975-76 school year. Payment of registration fees entitles the student to receive library service, attend lectures and concerts, receive the university newspaper, and attend local inter-collegiate athletic contests. These fees are payable at the time of registration.

## SPECIAL FEES

Each full-time student pays a special fee of \$80.00 per year. This fee entitles students to receive the annual yearbook, a reasonable amount of health and dental service, and membership into the Student Union Association. This fee is payable at the time of registration.

## OTHER FEES

*Part-time Students*—Kentucky residents taking part-time load (less than 12 semester hours) are charged \$18.00 per credit hour. Non-residents are charged \$40.00 per credit hour.

*Evening School Students*—Students enrolling in evening school classes are charged a fee of \$18.00 per semester hour. Non-credit courses are charged the same. (Non-resident \$40.00 per semester hour.)

*Late Medical Examination*—Students who do not undergo a medical examination at the time scheduled must make special provisions under the supervision of the Kentucky State University Health Services.

*Applied Music*—Students enrolling in Applied Music courses are charged the following semester fees:

<b>Organ:</b>	
One-half hour lesson per week .....	\$18.00
One hour lesson per week .....	27.75
<b>Piano and Voice:</b>	
One-half hour lesson per week .....	13.50
One hour lesson per week .....	18.50
<b>Other instruments and class</b>	
instruction in piano and voice .....	7.50

*Graduation Fee*—A graduation fee of \$15.50 is charged each student who makes application for degree. The fee covers cost of caps and gowns, and the cost of the diploma. All prospective graduates must pay this fee before March 15.



**Summer Session Fees**—The fees and expenses to attend the summer session are approximately one-fourth of the total cost necessary during the regular school year. Specific fees and expenses are listed in the summer session bulletin.

### BOARD AND RENT

All students occupying rooms on the campus are expected to take their meals in the cafeteria unless excused by the Dean of Student Affairs. No cooking or storage of food is permitted in the dormitory rooms. Any student violating this rule may be asked to move from the dormitory.

In order for a student to reserve a room, an advance application and room reservation fee of \$10.00 must be made. The advance payment is credited to the student's account at the time of registration.

### BOOKS AND SUPPLIES

Books and supplies for one semester average \$75.00 to \$100.00. Students enrolling in classes in the Department of Health and Physical Education should estimate an additional \$25.00 for supplies.

### GENERAL EXPENSES FOR THE SCHOOL YEAR

#### *Resident Students* (In-State Students)

	<i>Undergraduate</i> 1976-77	<i>Graduate</i> 1977-78
Registration Fee .....	\$ 360.00	\$ 410.00
Special Fees .....	80.00	75.00
Board .....	612.00	612.00
Rent* .....	380.00	380.00
Insurance .....	20.00	20.00
<b>TOTAL</b> .....	<b>\$1,452.00</b>	<b>\$1,497.00</b>

#### *Non-Resident Students* (Out-of-State Students)

	<i>Undergraduate</i> 1976-78	<i>Graduate</i> 1976-78
Registration Fee .....	\$ 890.00	\$ 940.00
Special Fees .....	80.00	75.00
Board .....	612.00	612.00
Rent* .....	380.00	380.00
Insurance .....	20.00	20.00
<b>TOTAL</b> .....	<b>\$1,982.00</b>	<b>\$2,027.00</b>

\*Students housed in Hunter and Combs Halls will be charged an additional \$18.00 for the school year. Students in Young Hall will be charged \$53.00

All accounts are payable as scheduled and must be paid accordingly or in advance. If an account becomes delinquent, the student may be dropped from classes or requested to withdraw from the institution. No student is permitted to register from one semester to another until all prior accounts are settled in full. No diploma, certificate or transcript is granted a student until all bills with Kentucky State University are paid in full. **PAYMENTS SHOULD BE MADE PAYABLE TO KENTUCKY STATE UNIVERSITY IN THE FORM OF MONEY ORDERS, OR CERTIFIED CHECKS.** Address all payments to: Business Office, Kentucky State University, Frankfort, Kentucky 40601. Personal checks cannot be accepted by the University.

### REFUNDS, DEDUCTIONS, AND WITHDRAWALS

#### General Fees:

1. When a student withdraws within one week of the official date of registration as specified herein, 75% of the fees are refunded.
2. When a student withdraws within two weeks of the official date of registration as specified herein, 50% of the fees are refunded.
3. When a student withdraws within three weeks of the official date of registration as specified herein, 25% of the fees are refunded.
4. After three weeks from the first official date of registration, no refund of fees can be made.
5. No refund is given on charges made for lessons in Applied Music unless the student withdraws officially from Kentucky State University. Such refunds are made only on a monthly basis.

#### Board and Rent:

1. Refund or credit on board will be made on the basis of a weekly unit.
2. Refund or credit on rent will be made on the basis of a monthly unit.



## TRANSFER STUDENTS

1. Students who have attended other colleges are admitted to Kentucky State University upon acceptance of their credentials from other colleges. Credit will be transferred when earned with a grade of "D" or higher at a regionally accredited institution and when earned in courses corresponding to those offered at Kentucky State University. In case of questionable credit, acceptance of credits will be deferred at the time of admission. An applicant who is suspended or expelled from another institution is not eligible for admission, unless he can qualify for re-admittance to the institution from which he wishes to transfer.

2. An applicant seeking advanced standing must submit prior to the date of intended registration an official transcript showing credits and grades obtained in courses and an official statement of entitlement to honorable dismissal from each college that has been attended. Transcripts and statements of honorable conduct from all colleges attended must be submitted directly to the Office of the Dean of Admissions and Registrar.

A maximum of 67 semester hours of credit may be accepted from accredited junior colleges. No credit can be accepted from a junior college after 67 hours have been earned in junior and/or senior colleges. The student is responsible for having all credentials forwarded to Kentucky State University. Failure to submit complete information on applications may result in cancellation of acceptance.

Transfer students will not have a University cumulative grade point average until they have completed one semester at the University. Quality points for total grades transferred will be adjusted to coincide with the cumulative grade point average that is earned at the end of one semester.

## OTHER STUDENTS

1. Persons 21 years old and older who are residents of Kentucky may be admitted as special adult students upon the approval of the Committee on Admissions. Such persons may be admitted as regular students upon completion of prescribed tests.

2. Persons who have received High School Equivalency Certificates as a result of taking the G.E.D. test are eligible for admission as regular students.

3. Students who do not plan to become applicants for a degree or certificate may enroll as *special* students. Such students must meet the regular entrance requirements if at some later time they decide to work toward a degree. Credits earned prior to meeting regular entrance requirements may not be applied toward a degree in some cases.

4. Students who have not been in attendance for a semester or more should write to the Dean of Admissions and Registrar and secure a permit to re-register.

## EARLY ADMISSION PROGRAM (HIGH SCHOOL STUDENTS WHO HAVE NOT GRADUATED)

Many students attending high school are endowed with superior intelligence and academic industriousness. These qualities result in their making exceptional

academic progress in high school. Such students, it has been proven, can be admitted to college prior to graduation from high school and do well. There are students in the local area who have the ability and the desire to follow such a course at Kentucky State University. An Early Admissions Program should be of benefit to such students and Kentucky State University.

## REQUIREMENTS FOR ADMISSION TO THE PROGRAM

1. Prospective high school applicants must be two or fewer units away from meeting requirements for graduation from high school.
2. Applicants must have followed a college preparatory curriculum.
3. Applicants must rank in upper 10% of the class and have an overall grade point average of 3.0 or above on a 4.0 scale.
4. Applicants must have an ACT Composite Score of 19 or more.
5. Applicants must be recommended by the principal (or counselor) and the chairmen of their major subject departments.
6. Each applicant must be interviewed by a representative (or representatives) of the Admissions Committee of Kentucky State University.
7. Applicants who are accepted for admission may enroll for a maximum of nine semester hours of courses selected from the general education requirements. (Six hours in summer).
8. Applicants must also be concurrently in high school (except during the summer).

## ADMISSION PROCEDURE

1. Students planning to enter Kentucky State University should write to the Dean of Admissions and Registrar and request an "Application for Admission blank." Upon receipt of this letter, an application blank, a medical record blank, and a catalogue will be sent.

2. Parts one and two of the application blank should be completed by the applicant. All questions are to be answered. The student should have the principal of the high school from which he or she graduates complete parts three and four of the application blank. The principal should then mail the completed blank to the Office of the Dean of Admissions and Registrar, Kentucky State University. The student should ask the principal to send a transcript of his record at the same time that the principal is asked to complete the application blank.

3. All freshman and transfer students accepted for admission should have the medical record blank completed by a medical doctor who has given the applicant a physical examination. The medical record blank is to be completed and signed by the applicant's physician and returned to the Office of the Dean of Admissions and Registrar before the student is enrolled.

4. All prospective freshmen are expected to submit scores made on the American College Testing Program. Information concerning this test is available from high school counselors or ACT, Iowa City, Iowa.

5. When all credentials have been received by the Dean of Admissions and Registrar, each applicant who is accepted as a student is mailed a letter of acceptance and a permit-to-register.

## CREDIT BY EXAMINATION AND CERTIFICATION

The University will award up to 64 semester hours of credit on the basis of examinations and certifications. A student must be currently enrolled to receive credit through examinations and certifications. However, the examinations may have been taken prior to enrollment.

### COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Students may receive credit for CLEP examinations by attaining established cut-off scores. These cut-off scores, cost, and list of acceptable tests may be obtained from the Office of the Dean of Admissions and Registrar or the Office of the Director of Testing.

### ADVANCED PLACEMENT PROGRAM (APP)

Students who score 3 or better on the APP examinations may receive credit for all approved examinations for specific courses offered here at the University. Students will receive 6-8 semester hours of credit per examination.

### DEPARTMENTAL EXAMINATIONS

Proficiency and placement examinations are conducted by the academic departments of the University. Students may be granted credit by passing such examinations for approved courses. Each academic department is responsible for determining those courses for which credit can be attained by departmental examination.

### CERTIFICATION CREDIT

Armed services school courses taken by armed services personnel will be granted credit as recommended in the *Guide to the Evaluation of Educational Experiences in the Armed Services*. Certificates of completion of such courses must be presented for the awarding of credit.

For additional information contact:

The Director of Testing  
214 Hathaway Hall  
Kentucky State University  
Frankfort, Kentucky 40601

### HEALTH EXAMINATIONS

All freshmen and transfer students must file certificates with the Dean of Student Affairs and Registrar showing that the required physical examination has been taken before registration is completed. Proper forms will be furnished by Kentucky State University together with other necessary admission materials. These must be executed and signed by the applicant's physician and returned to the Office.

Tuberculosis tests will be administered at the institution each year. If these tests show a positive reading, a fee is charged for the X-ray which is required in such cases.



### REGISTRATION

All students should check with their advisors prior to time of registration in order to have programs of study and courses approved. The Dean of Admissions and Registrar sets the time of registration for all students and informs students of the time they are to register.

Students are expected to register at the appointed time.

Students may not register for credit after the deadline set for completion of registration. A late registration fee is assessed, not to exceed \$10, on students who do not register at the appointed time.



# The Academic Life

## SEMESTER HOUR

A semester hour represents one clock hour of recitation or lecture or two clock hours of laboratory a week for one semester; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two clock hours for one semester hour.

## STUDENT LOAD

The normal semester load for all students is 16 semester hours. The minimum load to be classed as a full-time student is 12 semester hours. Students, however, may pursue from 16½ to 20 hours under the following conditions:

1. If the hours are required in the curriculum.
2. If the previous semester average is 3.0 or above.
3. If the students are graduating seniors.

The maximum number of semester hours that can be pursued during the summer term is nine. Where a four-semester hour course is involved, the Vice President for Academic Affairs may give special permission for a student to pursue ten hours.

In no case will students be allowed to pursue more than ten semester hours during the summer term.

A maximum of 21 credit hours may be pursued by students demonstrating outstanding scholastic ability (overall average of 3.20 or better). An exception to this rule may be acted upon for the second semester of the senior year by the Vice President for Academic Affairs upon the recommendation of the Chairman of the Department. Under no condition will a student be permitted to pursue more than 21 hours during a semester.

A mark of "I" is to be assigned only when a minor part of a course requirement has not been completed, e.g., the final examination, one major exam, completion of a term paper or class project or part of the requirements of a laboratory. The "I" is not to be assigned when it can only be effectively removed by the student retaking the course wherein the student has missed more than a minor portion of said course.

An incomplete or "I" earned in any given semester must be removed during the next semester the student is in attendance. Otherwise, the grade of "I" will be automatically changed to a grade of "F."

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the last 6 weeks of any semester.

The several marks yield quality points as follows:

- A—Four quality points per credit hour—Excellent
- B—Three quality points per credit hour—Superior
- C—Two quality points per credit hour—Average
- D—One quality point per credit hour—Poor
- F—No quality points, no credit—Failure
- W, I—No quality points, no credit.

Courses in which a student has made a mark of "A," "B," "C," or "D," may be counted towards a degree with two exceptions: (1) Major and minor courses and (2) Freshman English (English 101 and English 102). A student must repeat all major courses in which he earns a mark of less than "C," and when he has accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition is kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it is substituted for the original mark made in the course. This substitution is indicated on the record by a suitable device. No student is allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. No student may graduate with "D" grades in courses in the major and minor areas.

At his first opportunity, a student must repeat in class a required course in which he has not received a passing mark of "F," or "W," unless the Vice President for Academic Affairs authorizes a substitute course.

Grades of "F" will be assigned for courses not officially dropped.

## CLASS ATTENDANCE POLICIES AND REGULATIONS

### DEFINITION OF TERMS

1. A "limited cut" means that a maximum number of excused and unexcused cuts is allowed.
2. "Unlimited cuts" means that there is no established number of excused and unexcused cuts allowed.
3. "Patriotic duty" means participation by a student as a representative of Kentucky State University in an extra-curricular or co-curricular activity.
4. "Excused cuts" are those cuts approved by the Dean of Student Affairs.

### GENERAL STATEMENTS OF POLICY AND REGULATIONS

#### Policies:

1. A "limited cut" system will be in effect for all students (Freshmen, Sophomores, Juniors, and Seniors) enrolled in 100 and 200 level courses.
2. An "unlimited cut" system will be in effect for all students (Freshmen, Sophomores, Juniors, and Seniors) enrolled in 300 and 400 level courses.

#### Regulations:

1. Any class absences incurred while students are rendering "patriotic duty" are to be excluded from the provisions of the policies above.
2. Faculty members will be informed by the Dean of Student Affairs when students are absent from classes because of "patriotic duty."

### SPECIFIC INTERPRETATIONS OF POLICIES AND REGULATIONS

1. For four hour courses, four unexcused cuts are allowed. Unexcused and excused cuts should not exceed twelve.
2. For three hour courses, three unexcused cuts are allowed. Unexcused and excused cuts should not exceed nine.
3. For two hour courses, two unexcused cuts are allowed. Unexcused and excused cuts should not exceed six.
4. For one-half and one hour courses meeting twice a week, two unexcused cuts are allowed. Unexcused and excused cuts should not exceed six.
5. For one hour courses meeting once a week, one excused cut is allowed. Unexcused and excused cuts should not exceed three.
6. When a student's absences exceed the maximum allowed, the final grade may be lowered one grade level (letter) for 1-2 absences above the maximum; two levels (letter) for 3-4 absences above the maximum, etc.

### CLASSIFICATION OF STUDENTS

Students shall be classified as indicated below upon the completion of the respective number of hours provided that all entrance requirements have been met.

Freshman.....	0-29 semester hours
Sophomore.....	30-59 semester hours
Junior.....	60-89 semester hours
Senior.....	90 semester hours and above

### PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP

The academic standing of a student is the ratio of his total number of quality points to his total hours pursued. In order to remain in good academic standing, a student must maintain the following cumulative grade point average in accordance with the number of semesters of attendance:

End of 2 semesters:	1.60
End of 4 semesters:	1.70
End of 6 semesters:	1.90
End of 8 semesters:	2.00

- A. A student will be placed on probation if at the end of any semester his semester average falls below the minimum cumulative grade point average stated above except for students whose cumulative average is equal to or higher than that required. (For example, a first semester student who made a 1.58 for that semester or a third semester student who made 1.68, would be placed on probation.
- B. Students who do not meet the minimum requirements listed above will be suspended for one semester. Upon petition, the cases of suspended students will be reviewed by the Academic Review Committee.
- C. Students who are readmitted after being suspended for low scholarship will

have two semesters to meet their minimum cumulative grade point average or incur a dismissal. (For example, a first year student suspended at the end of his second semester in college would have two semesters in which to bring his cumulative grade point average up to the required 1.70). If he does not meet this requirement, his record may be reviewed by the Academic Review Committee upon his request.

- D. Upon petition by *letter*, the cases of students falling in the following categories will be reviewed:
  1. Freshmen with current semester averages of at least 1.0 and overall averages of at least 1.30.
  2. Sophomores with current semester averages of at least 1.40 and overall averages of at least 1.60.
  3. Juniors with current semester averages of at least 1.60 and overall averages of at least 1.80.
  4. Seniors with current semester averages of at least 1.70 and overall averages of at least 1.90.
  5. Consideration will be given to cases of students falling in the categories listed above with special problems that could have affected scholastic progress—family, finances, illness.
  6. Consideration will be given to student progress in basic courses—English 101, History 101, Biology 101, etc.
  7. Appeals should be made *in writing* within one week after receipt of dismissal notice.
  8. A student may appeal to the Academic Review Committee only *once* following each dismissal.
- E. No student is permitted to transfer credit earned during the semester of suspension for poor scholarship.
- F. "A student that has served one academic suspension will be dismissed upon incurring a second academic suspension. A dismissed student is not eligible to return to the University."
- G. Any student renders himself liable to suspension for breach of discipline who, while on academic probation, engages (as a representative of the University) in any public exhibition, contest, inter-collegiate game or other organized college activity or who fails to conform to any rule governing students on academic probation. However, an exception to this rule is made for a student who is enrolled in a particular course for credit and is required to engage in public exhibition in connection with that course. For example, this rule does not apply to a student required to participate publicly in such activities as music performances, speech and dramatic functions, if public participation is required in connection with the course, which is taken for credit and does not require the student to be absent from any of his classes.

### REGULATIONS FOR TERMS OF STUDY LESS THAN A YEAR

When a student of any classification pursues 12 or more semester hours of work during different semesters within the regular year, the regulations regarding scholarship standards will be applied.

## WITHDRAWAL FROM THE UNIVERSITY

The required procedure for withdrawing from the University is as follows: The student obtains a withdrawal form from the Registrar's Office, consults his Department Chairperson and obtains all other signatures necessary, e.g., the Dean of Student Affairs and the Vice President for Business Affairs.

Students who withdraw unofficially are subject to the following penalties:

- a. Failure in all courses pursued.
- b. Suspension for one semester if on probation at the time of withdrawal.
- c. Clearance by Dean of Student Affairs before re-registering.

## CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and sections) must be made through the Registrar's Office. Any student who takes a course irregularly will not receive credit for it. The penalty for changing or dropping a course without the approval of the Registrar is failure in the course.

A fifty cents processing fee is charged for adding or dropping a course.

## WITHDRAWAL FROM CLASSES

Students are not permitted to withdraw from classes during the last six weeks of the semester. The deadline date is listed in the college calendar.

## RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in Kentucky State University as a resident student during his senior year and have gained the last 32 semester hours in the institution. At least one-half the credits of a major must be gained in this institution. The student is to check with his departmental advisor during the first semester of his senior year to make certain that he is meeting all requirements for graduation.

## FACULTY ADVISERS

Each freshman and newly enrolled student will be assigned to a member of the faculty in his/her intended major. Students who have not declared a major will be guided academically by the Director of Freshmen Studies or other faculty persons responsible for academic advising. This assignment will be made during orientation week. It is the student's responsibility to meet periodically with the assigned adviser. It is mandatory that a conference is scheduled prior to all registration periods, and the adviser must approve each semester's schedule. Students who are on academic probation must consult his/her faculty adviser before mid-term of the probationary semester and before the final examination period. Guidance counselors are available, however, students are free to discuss any of their personal or academic concerns with their faculty advisers.

## DEGREES

Kentucky State University offers instruction leading to the following degrees:

### MASTER OF ARTS IN PUBLIC AFFAIRS

### BACHELOR OF ARTS WITH MAJORS IN

Applied Music  
Elementary Education  
English  
French  
History  
Music  
Social Sciences  
Sociology  
Social Work  
Spanish

### BACHELOR OF SCIENCE WITH MAJORS IN

Accounting  
Art  
Business Education  
Chemistry  
Child Development and Family Relationships  
Computer Science  
Criminal Justice Education  
Dietetics and Food Service  
Economics  
Health and Physical Education  
Home Economics Education  
Industrial Education  
Management  
Manufacturing Technology  
Marketing  
Mathematics  
Medical Technology  
Music Education  
Office Administration  
Physical Education  
Psychology  
Political Science  
Textiles and Clothing

### BACHELOR OF MUSIC WITH MAJORS IN

Applied Music  
Applied Commercial Music  
Commercial Music—Business  
Commercial Music Arranging—Composition  
Theory Composition



## BACHELOR OF PUBLIC AFFAIRS ASSOCIATE IN APPLIED ARTS OR SCIENCE WITH MAJORS IN

Accounting Technology  
Computer Science •  
Drafting and Design Technology  
Electronics Technology  
Fire Service Technology  
General Education  
Law Enforcement  
Library Technology  
Metals Technology  
Nursing Education  
Office Administration  
Real Estate

## ASSOCIATE OF APPLIED MUSIC WITH MAJOR IN

Commercial Music

Minors are available in Art, Afro-American Studies, and Speech and Theatre Arts.

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of 2.0 or "C."

In all cases the student is responsible for the meeting of requirements for graduation as outlined by the departmental advisor.

## MAJORS, MINORS, AREAS OF CONCENTRATION

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the beginning of the first semester of the senior year. Courses pursued in any major are subject to the approval of the Chairman of the student's major department and the Vice President for Academic Affairs.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests, graduate school plans, and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools.

Students may major, minor, or pursue an Area of Concentration from the following subject fields:

## COURSES OF STUDY

The following numbering system is used.

Freshman Courses .....	100-193
Sophomore Courses .....	200-293
Junior Courses .....	300-393
Senior Courses .....	400-493
Graduate Courses .....	500-600

Students who wish to qualify for teaching certificates may major, minor, or pursue an Area of Concentration from the following:

Majors: Art, Biology, Chemistry, History, English, French, Spanish, Mathematics, Music, Physical Education.

Minors: Afro-American Studies, Art, Biology, Chemistry, Dramatics and Theatre Arts, History, Political Science, English, French, Spanish, Mathematics, Sociology, Music.

Areas of Concentration: Art, Vocational Home Economics, Business Education, Music, Social Studies, Industrial Arts, Elementary Education.

To major or minor in a department, a student must have the consent of the Chairman of the Department and the Vice President for Academic Affairs. Majors and minors must be chosen by the beginning of the junior year.

Liberal Arts students should select majors and minors in consultation with their advisors.

## †Semester Hours Required

Subject Field	#Major	Minor	**Area of Concentration
Art-Studio .....	39		72
Art Education .....	39	21	74
Afro-American Studies .....		18	
Biology .....	30*	18	
Business Administration .....			48
Business Education .....			48
Office Administration .....			48
Chemistry .....	30*	18	
Computer Sciences .....	36	18	48
Criminal Justice Education .....		18	
Elementary Education .....			4 year curriculum
English .....	36	24	
French .....	30*	18	
Health .....	36		
History .....	33	24	
Home Economics Education .....			Special 4 year curriculum
Industrial Arts .....		18	
Mathematics .....	30*		48
Medical Technology .....			Special 4 year curriculum
Music Education .....			71**
Music — Applied .....			76**
Music — Theory .....			77**
Music .....		18	48
Physical Education .....	36	24	
Political Science .....	33	24	
Public Affairs .....	48	18	
Spanish .....	30*	18	
Social Sciences .....			48
Sociology .....	30*	24	
Speech & Theatre Arts .....		24	

Note—†Required lower level courses included in these minimum requirements

#Must have a minor of at least 18 semester hours

\*24 semester hours if 2 majors are carried

\*\*Does not require a minor

Courses are available whereby high school certificates in Music and Physical Education may be endorsed on a twelve-grade basis.

Kentucky State University offers courses designed to meet the needs of various classes of students:

(1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.

(2) A four-year college course preparing persons as teachers of high school subjects in the fields of Art, English, French, Social Sciences, Mathematics, Home Economics, Chemistry, Biology, Public School Music, Physical Education, Business Education, and Music Education.

(3) A four-year liberal arts college course.

(4) A four-year course in Industrial Arts.

(5) A four-year course in Business Administration.

(6) A four-year course in Medical Technology.

(7) A two-year course in Nursing Education.

(8) A four-year course in Computer Science.

(9) A three-year course in Pre-engineering.

Kentucky State reserves the right to withdraw or to close courses for which the registration does not warrant opening or continuing.

#### HONORS

An *Academic Honor Roll* will be prepared by the Dean of Admissions and Registrar at the close of each semester. The names of students making an average of 3.2 quality points or more will be placed on the *Academic Honor Roll*. To be eligible for the *Academic Honor Roll*, a student must carry 15 semester hours.

Upon graduation from Kentucky State University the following honors will be awarded: *With Distinction* to students whose general quality point average for four years is 3.2 or above; *With High Distinction* to students whose general quality point average for four years is 3.5 or above and who have received no F's or D's; *With Highest Distinction* to students whose general quality point average is 3.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours in residence is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at Kentucky State University during a regular term.

#### DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a college average of not less than 3.0 and a departmental average of not less than 3.3. In computing departmental averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.

### REQUIREMENTS FOR GRADUATION

#### APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the published date in the calendar.

Only students who have met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will be considered for graduation during a particular year. Graduation occurs once per year.

### GENERAL EDUCATION REQUIREMENTS

In order to complete requirements for graduation each student must earn at least 128 semester hours. General education courses are to be selected from four areas:

a. Communications and Humanities .....	18 semester hours
English Composition .....	6
Literature .....	3
Fine Arts (music, art, drama) .....	3
Selected from literature, journalism, speech, foreign language, philosophy .....	6
b. Mathematics and Natural Science .....	12 semester hours
General Biology .....	6
Physical Science .....	3
Mathematics .....	3
c. Social Science .....	12 semester hours
World Civilization .....	6
Introduction to Social Science .....	6
d. Health and Physical Education .....	6 semester hours
Activity .....	4
Health and Safety Education .....	2
<b>TOTAL GENERAL EDUCATION .....</b>	<b>48 semester hours</b>



## OTHER COURSES

To include majors and minors or a field of concentration, allied fields of study, and electives — with the proviso that not more than 40 semester hours may be taken in any major field. •

Students seeking certification to teach in the public schools of Kentucky must include preprofessional courses to form a balanced program of 12 to 18 semester hours in foundations, to be selected from general education and/or electives. (May include courses in sociology, psychology, or biology).

### Professional Preparation

Human Development and Psychology .....	3 hrs.
Administration of Public Schools .....	3 hrs.
Fundamentals of Education .....	3 hrs.
Supervised Teaching .....	8 hrs.

128 hrs.

## CREDITS BY EXTENSION AND CORRESPONDENCE

Although the University may accept a maximum of 30 semester hours by extension and correspondence combined toward a degree, the institution does not encourage the taking of extension or correspondence courses by students.

The following specific regulations shall govern extension or correspondence work:

- No student in a degree curriculum shall enroll for or be enrolled in an extension or a correspondence course during any semester or summer session when he is registered as a student at the University.
- No student shall submit to the University for acceptance for credit any extension or correspondence course taken while the student is on suspension from the University for academic or for disciplinary reasons.
- No students shall enroll for an extension or correspondence course without the prior written recommendation of the department head of the subject area to which the course pertains and the approval of the Vice President for Academic Affairs.
- Under no circumstances shall a student be approved to pursue a correspondence course in his major subject or area of concentration unless such course is in addition to the requirements of his curriculum.

## GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in English, History, Sociology, Music Education and Modern Foreign Languages. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in a foreign language.

## GENERAL CURRICULUM

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MAT 100—Fundamentals of Math. ....	3	Fine Arts (Art, Music, Drama) .....	3
GUI 100—Freshman Orientation .....	1	PHE Activity .....	1
PHE Activity .....	1	Elect (from group below) .....	3
Elect (from group below) .....	3	MFL 102—(French, Span., German)	
POS 101—American Govt.		SOC 102—Prin. of Geography	
MFL 101—(French, Span., German)		PHE 112—Prin. of Health Ed.	
SOC 102—Prin. of Geography		ENG 103—Fund. of Speech	
PHE 112—Prin. of Health Educ.		POS 211—Introd. to Pol. Sci.	
ENG 103—Fund. of Speech			
	17		16

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Introd. to Literature .....	3	ENG 212—Introd. to Lit. ....	3
SOC 201—Introd. to Soc. Science ....	3	SOC 202—Introd. to Soc. Sci. ....	3
SCI 201—Introd. to Phys. Science ....	3	SCI 202—Introd. to Phys. Sci. ....	3
PSY 200—General Psychology .....	3	EDU 222—Human Development II ....	3
PHE 221—Health and Safety Ed. ....	2	PHE Activity .....	1
PHE Activity .....	1	Elect (from group below) .....	3
Elect (from group below) .....	3	MFL 202—(French, Span., German)	
MFL 201—(French, Span., German)		HIS 202—U.S. History	
HIS 201—U.S. History		SOC 211—Geography of N.A.	
SOC 211—Geography of N.A.			
	18		16

## AIR FORCE ROTC UNIT

A cooperative Air Force ROTC instruction unit between the University of Kentucky and Kentucky State University is operated on the Kentucky State Campus. Candidates are tested and screened for inclusion in the instructional unit. Twelve hours of course work are earned during the two year period (junior and senior years). Aerospace 300 is offered during the two semesters of the junior year, while Aerospace 400 is offered during the two semesters of the senior year. In addition, a course entitled Aerospace 323 — Flight Instruction Program — will be offered to seniors who are pilot candidates. This program is offered at no cost to the student.

For further information, contact the Office of Vice President for Academic Affairs.





# Fields of Study

## ART

The major objectives of the Art Program are:

1. To prepare students for the profession of art educators on both elementary and secondary levels.
2. To help students develop a sound foundation of artistic knowledge and skills with which to pursue graduate work in the visual arts.
3. To serve the interests of those students who wish to acquire an understanding of the visual arts and to broaden their cultural experiences.
4. To make available to all students the opportunities for creative expression through elective courses in studio arts.

## MAJOR PROGRAMS

Within the Art Program a student may select one of the following curricula:

1. Teaching Area in Art: for those who wish to be certified to teach art on both the elementary and secondary levels. This curriculum includes 74 hours: 48 in art and 26 in art education and professional education courses. A minor is not required.
2. Studio Art Area of Concentration: for those students who wish to prepare themselves for graduate work in the visual arts. This program includes 72 hours of studio art and art history. A minor is not required.
3. Teaching Major in Art: for those who wish to be certified to teach art on the secondary level. This curriculum includes 39 hours in art and 23 hours in art education and professional education. A minor is required.
4. Studio Major in Art: for those who wish to develop skills in the visual arts for reasons not necessarily vocationally oriented. This curriculum is the same as that of the Teaching Major with the exception that a minor of not less than 21 hours is taken in lieu of the requirements in art education and professional education.

## MINOR PROGRAM

A minor program in art consists of 21 hours: Art 101 or 102, 110, 111, 112, 220, art history elective, and an art elective.



## DEPARTMENTAL REGULATIONS

1. **STUDENT ADVISEMENT.** Each art major will be assigned an advisor by the Chairperson of the Art Department. In all instances concerning curricula and departmental matters, the student is required to maintain close consultation with his or her advisor.
2. **COURSE SEQUENCE.** Art majors are required to take art courses in the sequences prescribed in the Curricula Outlines on the following pages. Many courses are prerequisite to others, and they must be taken in the orders indicated. To deviate from the sequence, a student must obtain permission from the Departmental Chairperson.
3. **SELECTION OF CURRICULUM.** A student must declare no later than the second semester of his or her Sophomore year which curriculum will be pursued: Art Education or Studio Art. The declaration must be made prior to receiving advice concerning preregistration.
4. **STUDIO ART MAJORS.** Students who wish to pursue a Studio Art Curriculum must select a major emphasis and a minor emphasis. A major emphasis consists of at least 12 hours of upper level courses in a specific art area, and a minor emphasis consists of 9 hours. Major and minor emphases may be selected from the following areas: art history, ceramics, drawing, painting, printmaking, sculpture, or textiles.
5. **STUDIO ART COURSES.** Six hours of inside class work and a minimum of 3 hours of outside class work is required per week for each studio art course.
6. **EXHIBITIONS AND LECTURES.** All art majors are expected to attend the opening of each exhibit and of each lecture brought to the campus by the Art Department.
7. **SOPHOMORE REVIEW.** While enrolled in the fourth semester of the art curriculum each student must present examples of his or her art work from each of the studio art areas to be reviewed by members of the art faculty. At that time the art faculty will advise the student as to whether upper division courses should be taken.
8. **SENIOR REVIEW AND EXHIBIT.** Each art major's work will be reviewed during his or her senior year by a committee of art faculty for the purpose of ascertaining if the work is of sufficient quality to warrant a public exhibit. If a student's work does not pass the review, he may re-submit it at a later date. Art majors are required to have a public, on-campus exhibit of their art work prior to graduation.
9. **ART GRADUATES.** Each student graduating with either a Major or Area in art will be asked to donate one of his art works to the permanent collection of the University.

CURRICULUM FOR AN AREA OF CONCENTRATION  
IN STUDIO ART

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Composition .....	3	ENG 102—Composition .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
ART 110—Basic Drawing .....	3	ART 111—Basic Drawing .....	3
PHE —Activity .....	1	PHE —Activity .....	1
ART 112—Two-Dimensional Design ..	3	ART 113—Three-Dimensional Design ..	3
GUI 100—Freshmen Orientation ....	½		
	16½		16

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 201—Intro. to Social Science ...	3	SOC 202—Intro. to Social Science ...	3
ART 201—Art History Survey .....	3	ART 202—Art History Survey .....	3
ENG 211—Intro. to Literature .....	3	ART 217—Printmaking .....	3
ART 240—Ceramics .....	3	ART 215—Sculpture .....	3
ART 220—Basic Painting .....	3	ART 245—Weaving .....	3
PHE —Activity .....	1	PHE —Activity .....	1
PHE 221—Health & Safety .....	2		
	18		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PSY 200—Gen. Psychology .....	3	PHI 200—Intro. to Philosophy .....	3
SCI 201—Intro. to Physical Sci. ...	3	Comm. & Humanities	
MAT —Math Elective* .....	3	Elective** .....	3
ART —Major Emphasis .....	3	ART —Major Emphasis .....	3
ART —Art History Elective .....	3	ART —Minor Emphasis** .....	3
ART 310—Intermediate Drawing .....	3	ART —Art Electives .....	3
	18		15

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ART —Major Emphasis .....	3	ART —Major Emphasis .....	3
ART —Minor Emphasis .....	3	ART —Minor Emphasis .....	3
ART —Art History Elective .....	3	ART —Art Elective .....	3
ART —Art Elective .....	3	Elective**** .....	6
Elective**** .....	6		
	18		15

\* Those students with deficiencies in mathematics are to enroll in MAT 100.

\*\* Major and Minor Emphasis may be in either art history, ceramics, drawing, painting, printmaking, sculpture, or textiles.

\*\*\* Selected from literature, journalism, speech, foreign language, philosophy.

\*\*\*\* As approved by advisor. It is strongly recommended that students who plan to seek admittance to a graduate program in art take 6 hours of foreign language.

CURRICULUM FOR TEACHING AREA IN ART  
(Certification: Grades K-12)

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Composition .....	3	ENG 102—Composition .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
ART 110—Basic Drawing .....	3	ART 111—Basic Drawing .....	3
ART 112—Two-Dimensional Design ..	3	ART 113—Three-Dimensional Design ..	3
PHE —Activity .....	1	PHE —Activity .....	1
GUI 100—Freshman Orientation ....	½		
	16½		16

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 201—Intro. to Social Science ... 3		SOC 202—Intro. to Social Science ... 3	
ART 201—Art History Survey ... 3		ART 202—Art History Survey ... 3	
ENG 211—Intro. to Literature ... 3		ART 217—Printmaking ... 3	
ART 240—Ceramics ... 3		ART 215—Sculpture ... 3	
ART 220—Basic Painting ... 3		ART 245—Weaving ... 3	
PHE —Activity ... 1		PHE —Activity ... 1	
PHE 221—Health & Safety ... 2			
	18		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PSY 200—Gen. Psychology ... 3		PHI 200—Intro. to Philosophy ... 3	
SCI 201—Intro. to Physical Sciences 3		PSY 200—Human Devel. & Curric. ... 3	
MAT —Math Elective* ... 3		—Elective*** ... 3	
ART —Art Elective ... 3		ART —Major Emphasis ... 3	
ART —Major Emphasis** ... 3		Art History Elective ... 3	
ART 310—Intermediate Drawing ... 3		ART 319—Elementary School Art ... 3	
	18		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 103—Fund. of Speech ... 3		EDU 412—Admin. of Pub. Schools .. 3	
EDU 305—Fund. of Elem. Education ... 4		EDU 452—Fund. of Sec. Education .. 3	
ART 419—Secondary School Art ... 3		EDU 400—Supervised Teaching ... 8	
—Elective*** ... 6			
ART —Major Emphasis ... 3			
	19		14

\* Those students with deficiencies in mathematics are to enroll in MAT 100.

\*\* Major Emphasis may be either ceramics, drawing, painting, printmaking, sculpture, art history, or textiles.

\*\*\* As approved by advisor. It is strongly recommended that students who plan to seek admittance to a graduate program in art take 6 hours of foreign language.

CURRICULUM FOR A TEACHING MAJOR IN ART  
(Secondary Certification)

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Composition ... 3		ENG 102—Composition ... 3	
BIO 101—Life Science ... 3		BIO 102—Life Science ... 3	
HIS 101—World Civilization ... 3		HIS 102—World Civilization ... 3	
ART 110—Basic Drawing ... 3		ART 111—Basic Drawing ... 3	
ART 112—Two-Dimensional Design .. 3		ART 113—Three-Dimensional Design .. 3	
PHE 100—Activity ... 1		PHE 102—Activity ... 1	
GUI 100—Freshman Orientation ... 1			
	17		16

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 201—Intro. to Social Science ... 3		SOC 202—Intro. to Social Science ... 3	
ART 201—Art History Survey ... 3		ART 202—Art History Survey ... 3	
ENG 211—Intro. to Literature ... 3		ART 217—Printmaking ... 3	
ART 240—Ceramics ... 3		ART 215—Sculpture ... 3	
ART 220—Basic Painting ... 3		ART 245—Weaving ... 3	
PHE 200—Activity ... 1		PHE 200—Activity ... 1	
PHE 221—Health & Safety ... 2			
	18		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PSY 200—General Psychology ... 3		PHY 200—Intro. to Philosophy ... 3	
SCI 201—Intro. to Physical Science .. 3		PSY 220—Human Devel. & Curric. ... 3	
—Elective* ... 3		MAT —Math Elective** ... 3	
ART —Art History Elective ... 3		ART —Art Elective ... 3	
—Elective (Minor) ... 6		—Elective (Minor) ... 6	
	18		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ART 419—Fundamentals of Speech .. 3		EDU 412—Admin. of Public Schools .. 3	
ENG 103—Secondary School Art ... 3		EDU 452—Fund. of Secondary Education ... 3	
—Elective (Minor) ... 6		EDU 400—Supervised Teaching ... 8	
—Elective* ... 6			
	18		14

\* As approved by advisor.

\*\* Those students with deficiencies in mathematics are to enroll in MAT 100.

**CURRICULUM FOR NON-TEACHING MAJOR IN ART.** The requirements of this curriculum are the same as those outlined above in the Curriculum for Teaching Major in Art, with the exception that other courses may be substituted for ART 419, PSY 220, EDU 412, and EDU 400.

## COURSE DESCRIPTIONS

**ART 101. Public School Arts and Crafts I.**

A course dealing with all aspects of teaching art in elementary school: philosophies, methods, procedures, materials and evaluations. Personal investigation of diversified art activities dealing with two-dimensional materials is stressed. This course is designed for elementary education majors. Three hours per week. Credit 3 hours.

**ART 102. Public School Arts and Crafts II.**

A continuation of ART 101 with emphasis on art activities dealing with three-dimensional materials. Prerequisite: ART 101. Three hours per week. Credit 3 hours.

**ART 110. Basic Drawing.**

An introductory course with emphasis on developing visual acuity and fundamental drawing skills. Methods and materials relating to two-dimensional representation will be investigated. Six hours per week. Credit 3 hours.

**ART 111. Basic Drawing.**

A continuation and expansion of activities in ART 110 to include drawing from life in varied media. Emphasis will be placed on the rendering of the human form via contour, gesture, value, and weight drawings. Prerequisite: ART 110. Six hours per week. Credit 3 hours.

**ART 112. Two-Dimensional Design.**

An introduction to basic design elements and principles. Activities will deal mostly with the two-dimensional realm and will include the investigation of line, shape, value, color, and texture. Six hours per week. Credit 3 hours.

**ART 113. Three-Dimensional Design.**

A continuation of ART 112 as it relates to the three-dimensional realm. Prerequisite: ART 112. Six hours per week. Credit 3 hours.

**ART 130. Art Appreciation Orientation.**



A survey of visual and functional arts from Prehistoric to Contemporary time. Consideration will be given to the ways and means available to the artist in his production and to the factors involved in evaluating art. Three hours per week. Credit 3 hours.

ART 160-165. *Art Symposium.*

A course designed to acquaint students with concepts, media, and methods of the Arts via discussions, guest speakers, multi-media presentations, and demonstrations. May be repeated 5 times. One hour per week. Credit ½ hour.

ART 201. *Art History Survey.*

A survey lecture course designed to expose the student to the history of art from Prehistoric time through the Middle Ages. Three hours per week. Credit 3 hours.

ART. 202 *Art History Survey.*

A continuation of ART 201 from the Renaissance through the Modern Period. Prerequisite: ART 201. Three hours per week. Credit 3 hours.

ART 215. *Sculpture.*

An introduction to the basic constructive processes of sculpture, utilizing plaster, wire, wood and other related materials. Prerequisites: ART 111 and 113. Six hours per week. Credit 3 hours.

ART 217. *Printmaking.*

An introduction to the basic processes and materials of printmaking including monoprint, collagraphy, woodcut, serigraphy, and etching. Prerequisites: ART 111 and 112. Six hours per week. Credit 3 hours.

ART 220. *Basic Painting.*

An introduction to the basic processes and materials of painting. Emphasis is placed on compositional factors. Prerequisites: ART 111 and 112. Six hours per week. Credit 3 hours.

ART 221. *Basic Painting.*

A continuation of ART 220 with emphasis on exploration of media and the expression of individual concepts. Prerequisite: ART 220. Six hours per week. Credit 3 hours.

ART 240. *Ceramics.*

An introduction to the basic processes and materials of ceramics. Emphasis is placed on handbuilding processes and principles of glazing and firing. Prerequisites: ART 111 and 113. Six hours per week. Credit 3 hours.

ART 245. *Weaving I.*

Exploration of both loom and finger-controlled weaving processes and an introduction to macrame, crochet, and wrapping. Prerequisites: ART 111 and 113. Six hours per week. Credit 3 hours.

ART 301. *Pre-Columbian Art History.*

A study of Pre-Columbian North and South American Art. Lecture-slide presentations and individual research projects will be utilized. Three hours per week. Credit 3 hours.

ART 302. *Contemporary Art History.*

A study of European and American art forms of the Twentieth Century. Three hours per week. Credit 3 hours.

ART 303. *Afro-American Art History.*

A course designed to reveal contributions and accomplishments of Afro-American artists and the influence of early African art on art of the world. Three hours per week. Credit 3 hours.

ART 310. *Drawing.*

An investigative approach on both the figurative and abstract levels. Personal visual expressions are encouraged. Prerequisites: ART 111 and 112. Six hours per week. Credit 3 hours.

ART 315. *Sculpture.*

An introduction to the basic subtractive processes of sculpture, utilizing wood, stone, and other related materials. Prerequisite: ART 215. Six hours per week. Credit 3 hours.

ART 317. *Printmaking.*

A continuation of processes introduced in ART 217 dealing with serigraphy and etching. Basic lithographic processes are also introduced. Prerequisite: ART 217. Six hours per week. Credit 3 hours.

ART 319. *Elementary School Art.*

A combination academic-laboratory course dealing with all aspects of teaching art in the elementary school. Children's developmental levels as well as philosophies, methods, and procedures of teaching art are studied. Practical experience in developing art curricula, lesson plans and the selecting and using of art materials are emphasized. This course is designed for art education majors. Cannot be used as general education. Six hours per week: two hours lecture-discussion, four hours laboratory. Credit 3 hours.

ART 320. *Painting.*

The expression of individual concepts in painting is encouraged. The appropriateness of materials to specific visual statements are studied. Prerequisite: ART 221. Six hours per week. Credit 3 hours.

ART 340. *Ceramics.*

Basic techniques of throwing on a potter's wheel and further study of clay bodies, glazing and firing principles will be investigated. Prerequisite: ART 240. Six hours per week. Credit 3 hours.

ART 419. *Secondary School Art.*

A course similar to ART 319 with emphasis on teaching art on the junior and senior high school levels. Designed specifically for art education majors. Cannot be used as general education. Prerequisite: ART 319. Six hours per week: two hours lecture-discussion, four hours laboratory. Credit 3 hours.

ART 430-450. *Problems In Art.*

These courses are designed to afford students advanced, individualized instruction in the studio art areas. To be admitted to a Problems In Art course, a student must have completed all other courses offered in that specific studio area. Three hours per week. Credit 3 hours for each of the following courses:

- |   |  |
|---|--|
| 430. <i>Problems In Drawing I</i>       | 440. <i>Problems In Ceramics II</i>    |
| 431. <i>Problems In Drawing II</i>      | 441. <i>Problems In Ceramics III</i>   |
| 432. <i>Problems In Drawing III</i>     | 442. <i>Problems In Sculpture I</i>    |
| 433. <i>Problems In Painting I</i>      | 443. <i>Problems In Sculpture II</i>   |
| 434. <i>Problems In Painting II</i>     | 444. <i>Problems In Sculpture III</i>  |
| 435. <i>Problems In Painting III</i>    | 445. <i>Problems In Textiles I</i>     |
| 436. <i>Problems In Printmaking I</i>   | 446. <i>Problems In Textiles II</i>    |
| 437. <i>Problems In Printmaking II</i>  | 447. <i>Problems In Textiles III</i>   |
| 438. <i>Problems In Printmaking III</i> | 448. <i>Problems In Art History I</i>  |
| 439. <i>Problems In Ceramics I</i>      | 449. <i>Problems In Art History II</i> |
| 450. <i>Problems In Art History III</i> |  |

## DEPARTMENT OF BIOLOGY

The Biology Department strives to effectively utilize the processes of teaching, learning and research to increase the intellectual achievements and analytical abilities of both students and faculty. In its attempt to achieve this goal, the department offers service courses to satisfy the general education requirement needs of Freshmen students and provides other special courses for majors in other departments. It also offers curricula that prepare students for admission into technical, professional and advanced training in biologically related areas.

The major objectives of the Biology Department are as follows:

1. To provide all students with the basic background for an understanding and an awareness of the biological problems in modern society.
2. To furnish the basic training and techniques that will qualify students to pursue those technical and vocational fields based upon the biological sciences.
3. To develop students who qualify to teach biology and general science in the public schools of Kentucky and elsewhere.
4. To prepare students for studies leading to advanced degrees in the Biological Sciences, Dentistry, Medicine, etc.
5. To fulfill the role of a true scientist, the Biology student majors are encouraged to develop and pursue research projects in their areas of interest.
6. To provide biological experiences to the community at large.

Eighteen and thirty semester hours shall constitute a minor and major respectively in Biology.

All courses listed in this catalogue for the Department of Biology are not offered each year.

## SUGGESTED CURRICULUM FOR BIOLOGY MAJORS\*\*

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
MAT 101—College Algebra .....	3	*MAT 102—Trigonometry .....	3
101—Foreign Language .....	3	102—Foreign Language .....	3
(German, French, Spanish)		(German, French, Spanish)	
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
PHE —Activity .....	1	PHE —Activity .....	1
GUI 100—Fresh. Orientation .....	1/2		
	17 1/2		17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 101—General Chemistry .....	4	CHE 102—General Chemistry .....	4
*201—Mod. Foreign Language .....	3	202—Foreign Language .....	3
(German, French, Spanish)		(German, French, Spanish)	
BIO 203—Comparative Vert. Anat. ..	4	BIO 212—General Botany .....	3
***MAT —.....	3	MAT —.....	3
PSY 200—General Psychology .....	3	ENG 211—Introduction to Literature ..	3
PHE —Activity .....	1	PHE 221—Health & Safety .....	2
	18	PHE —Activity .....	1
			19

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 201—Organic Chemistry .....	4	CHE 202—Organic Chemistry .....	4
SOC 201—Intro. to Soc. Science .....	3	SOC 202—Intro. to Soc. Science .....	3
PHY 211—Physics .....	4	PHY 212—Physics .....	4
BIO 302—General Microbiology .....	3	BIO 316—General Ecology .....	3
Elective (Fine Arts) .....	3	BIO 304—Vertebrate Embryology .....	4
	17		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 307—Genetics .....	3	BIO 303—General Physiology .....	4
BIO 308—Cell Biology .....	4	BIO —Electives .....	6
CHE 315—Biochemistry .....	4	Electives .....	5-8
Electives .....	5-7		
	16-18		15-18

\*Analytical Geometry may be substituted if the student's mathematics background is adequate.

\*\*This program is designed for students interested in pursuing graduate study in the Biological Sciences and for those who are preparing for professional training in Medicine or Dentistry.

\*\*\*Biology majors should pursue Mathematics through Calculus.

1A year of FORTRAN (Computer Science) may be substituted for the second year language requirement.

## CURRICULUM IN BIOLOGY EDUCATION

For Preparing Secondary School Teachers

## FRESHMAN YEAR

(Same as for Majors)

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 101—General Chemistry .....	4	CHE 102—General Chemistry .....	4
ENG 211—Intro. to Literature .....	3	ENG 212—Intro. to Literature .....	3
201—Foreign Language .....	3	202—Foreign Language .....	3
(French, German, Spanish)		(French, German, Spanish)	
BIO 203—Comp. Vertebrate Anatomy ..	4	BIO 212—General Botany .....	3
PSY 200—General Psychology .....	3	EDU 222—Human Dev. & Psych. II ..	3
PHE —Activity .....	1	Elective (Music or Art Appreciation) ..	3
PHE 221—Health & Safety .....	2	PHE —Activity .....	1
	20		20

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 302—General Microbiology .....	3	BIO 316—General Ecology .....	3
ECO 211—Prin. of Economics .....	3	BIO 303—General Physiology .....	4
PHY 207—Intro. to Physics .....	3	PHY 208—Intro. to Physics .....	3
SOC 201—Intro. to Social Science .....	3	SOC 202—Intro. to Social Sciences ..	3
BIO 307—Genetics .....	3	Electives .....	3-6
PHI 200—Intro. to Philosophy .....	3		
	18		16-19

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 452—Fundamentals of Soc. Educ. ..	3	EDU 412—Admin. of Public Schools ..	3
EDU 401—Test and Measurements .....	3	EDU 400—Supervised Teaching .....	8
EDU 410—Methods of Teaching Sci. ....	3	Electives .....	5
SOC 305—Contemporary Soc. Prob. ....	3		
BIO —Elective .....	3		
Elective .....	3		
	18		16

## BIOLOGY—MEDICAL TECHNOLOGY CURRICULUM\*\*

Students who successfully complete this curriculum are awarded the Bachelor of Science Degree in Medical Technology. This curriculum combines a minimum of three years of college work at Kentucky State University with twelve calendar months of satisfactory technical training at an accredited school of Medical Technology. All graduation requirements for the Bachelor's Degree at Kentucky State University must be met before work is begun at the Clinic.

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
MAT 101—College Algebra .....	3	MAT 102—Trigonometry .....	3
101—Mod. Foreign Language ... 3		102—Foreign Language .....	3
(German, French, Spanish)		(German, French, Spanish)	
PHE —Activity .....	1	PHE —Activity .....	1
GUI 100—Fresh. Orientation .....	1/2		
	<hr/> 17 1/2		<hr/> 17

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature .....	3	CHE 102—General Chemistry .....	4
CHE 101—General Chemistry .....	4	SOC 201—Intro to Social Science .....	3
SOC 201—Intro. to Social Science ... 3		BIO 302—General Microbiology .....	3
BIO 205—Micro. & Hist. .... 4		202—Mod. Foreign Language ... 3	
201—Mod. Foreign Language ... 3		(German, French, Spanish)	
(German, French, Spanish)		Elective (Music or Art Appreciation) . 3	
PHE —Activity .....	1	PHE 221—Health & Safety .....	2
	<hr/> 18	PHE —Activity .....	<hr/> 1
			<hr/> 19

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 201—Organic Chemistry .....	4	BIO 303—General Physiology .....	4
PHY 207—Intro. to Physics .....	3	BIO 402—Intro. to Radiation Sci.* .. 4	
PSY 200—General Psychology .....	3	PHY 208—Intro. to Physics .....	3
BIO 307—Genetics .....	3	CHE 202—Organic Chemistry .....	4
BIO —(Elective) .....	3-4	Elective .....	2-4
	<hr/> 16-17		<hr/> 17-19

### SENIOR YEAR

Offered at clinics in accredited Schools of Medical Technology.

\*A course may be substituted with permission from the Department Chairman.

\*\*A similar program is available for those interested in Optometry. See the Department Chairperson.

## MEDICAL RECORDS TECHNOLOGY Associate Degree Program

### FIRST YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 107—Anatomy & Physiology ... 3		BIO 108—Anatomy & Physiology ... 3	
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
*MAT 100—Fundamentals of Math. ... 3		BNA 112—Business Math. .... 3	
*OAD 100—Elementary Typewriting . 2		OAD 103—College Type. #1 .....	3
COS 100—Intro. to Elec. Data Proc. 3		OAD 324—Records Management .....	1
COS 101—Programming I: FORTRAN or		COS 102—Programming II: FORTRAN or	
COS 210—Programming IV: COBOL 3		COS 211—Programming V: COBOL . 3	
	<hr/> 17	BIO 220—Medical Terminology .... 1	
			<hr/> 17



## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
BIO 204—Fund. of Microbiology ..	3	BUE 204—Business Communication ..	3
OAD 104—College Typing II .....	3	PSY 200—General Psychology .....	3
OAD 325—Office Machines .....	2	COS 104—Applications .....	3
*OAD 211—Elementary Stenography ..	3	Professional Elective (BIO or COS) ..	3
ACC 261—Prin. of Accounting .....	4	New courses possible titles include	
Elective .....	3	BIO 221—Modern Medical Records or	
		BIO 222—Medical Office Procedures ..	3
Total semester Hours	18	Total semester Hours	15

\*1May be waived by examination.

\*2Persons who have one unit or more of typewriting or shorthand from High School may waive these requirements if they score satisfactorily in the Placement Examination. In such instances the students may elect courses in Office Administration, Computer Science or Biology.

Where possible it is suggested that the student engage in a summer internship in medical or health care center.

### \*REGIONAL EDUCATION PLAN IN VETERINARY MEDICINE FOR RESIDENTS OF KENTUCKY

There are no colleges or universities in the Commonwealth of Kentucky offering training in Veterinary Medicine. Through the Regional Education Plan twenty-two qualified youths from Kentucky can begin as first year veterinary students in one of the Regional Service Institutions. The Regional Education Plan administered through the Southern Education Board located in Atlanta, Georgia, has designated Auburn University, Ohio State University, and Tuskegee Institute as the Regional Service Institutes for Kentucky. These institutions, respectively, have entering spaces for 16, 5 and 1 first year veterinary students.

Students accepted under the Regional Plan are relieved of the obligation of paying out-of-state fees and their expenses would be identical to those of in-state students.

Formal applications must be filed through the Kentucky Council of Higher Education where the applicants are screened and the applications of the selected applicants are submitted to the Regional Service Institutions for admission approval.

Any student interested in Veterinary Medicine should have satisfactorily completed from 60-80 academic hours of preprofessional training; however, preference is given to those students who have satisfied the requirements for the Bachelor Degree.

Interested students should consult with the Chairperson of the Biology Department for further details.

### PREPROFESSIONAL VETERINARY MEDICINE CURRICULUM

First Preprofessional Year

Fall Semester	Hours	Spring Semester	Hours
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
CHE 101—General Chemistry .....	4	CHE 102—General Chemistry .....	4
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
MAT 101—College Algebra .....	3	MAT 102—Trigonometry .....	3
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
Activity .....	1	PHE —Activity .....	1
GUI 100—Freshman Orientation .....	1		
	19		18

### Second Preprofessional Year

Fall Semester	Hours	Spring Semester	Hours
BIO 203—Comparative Vert. Zool ..	4	BIO 303—General Physiology .....	4
CHE 201—Organic Chemistry .....	4	CHE 302—Organic Chemistry .....	4
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Science ..	3
PHY 207—Intro. to Physics .....	3	PHY 208—Intro. to Physics .....	3
BIO 307—Genetics .....	3	Electives .....	3-4
	17		17-18

## COURSE DESCRIPTIONS

#### BIOLOGY 101. Life Science.

A comprehensive general consideration of the fundamental organization of living things, their structure and function in relating to the interacting factors of the external and internal environments. Emphasis is placed on cellular phenomena with special attention to the physiology of man. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

#### BIOLOGY 102. Life Science.

Continuation of BIO 101, Study of basic biological principles and problems in relation to the requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, etc., and improvement of man and his surrounding. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: BIO 101. Credit 3 hours.

#### BIOLOGY 103-104. Life Science.

This two-semester course, designed for science-oriented students, is concerned with the principles and processes affecting living matter, both plants and animals; such areas as molecular and cellular biology, physiology, ecology, development, provide an opportunity for the students to explore some of the problems in modern biology. Two hours lecture; four hours laboratory per week. Credit 4 hours each semester.

#### BIOLOGY 107. Anatomy and Physiology.

A study of the structure and function of various body systems with emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of nursing students. Two hours lectures; two hours laboratory per week. Credit 3 hours.

#### BIOLOGY 108. Anatomy and Physiology.

A continuation of BIO 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine and reproductive systems. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.

#### BIOLOGY 201. Environmental Biology.

Offered especially for the non-biology major, this course will consider the problems of satisfying modern man's needs while maintaining a healthful and productive biosphere. Topics include: food production, energy resources, resources needed for social needs, waste disposal, man's population biology, and problems encountered in pollution abatement. Prerequisite: Freshman biology or consent of instructor. Credit 3 hours.

#### BIOLOGY 203. Comparative Vertebrate Anatomy.

A consideration of the relationships of vertebrate groups; the structure and significance of various organs and systems of typical vertebrates, along with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: BIO 103-104. Credit 4 hours.

#### BIOLOGY 204. Fundamentals of Microbiology.

An introductory course familiarizing the student with some of the morphological characteristics and physiological activities of micro-organisms. Adapted to the needs of prenursing students. Two hours of lectures; two hours of laboratory work per week. Credit 3 hours.



**BIOLOGY 205. *Microtechnique and Histology.***

Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of techniques and microscopic methods. Two hours lecture; four hours laboratory per week. Prerequisite: BIO 103-104. Credit 4 hours.

**BIOLOGY 212. *General Botany.***

Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

**BIOLOGY 216. *Heredity and Evolution.***

This course is designed for non-science majors who desire an understanding of genetics and evolutionary thought and the implications and impacts of the sciences of heredity and evolution for human society. Special emphasis is placed upon the social, political and psychological ramifications of the biological principles, governing heredity and organic evolution. Three hours lecture, discussion, demonstrations. Credit 3 hours.

**BIOLOGY 220. *Medical Terminology.***

Designed to review common terms used in the medical profession. Credit 1 hour.

**BIOLOGY 221. *Modern Medical Records.***

Credit 3 hours.

**BIOLOGY 222. *Medical Office Procedures.***

Credit 3 hours.

**BIOLOGY 250. *Preparation for Professional Schools Admission Examinations.***

A course designed to increase the "test-wise" ability of Biology majors who plan to pursue advanced academic training. Offered on special demand. Credit 1 hour.

**BIOLOGY 302. *General Microbiology.***

A presentation of the fundamentals of modern microbiology, particularly the morphology classification, distribution, cultivation and observation, physiology and environmental relations of bacteria, yeasts, molds, and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: BIO 103-104, CHE 101-102. Credit 3 hours.

**BIOLOGY 303. *General Human Physiology.***

General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs and systems in relation to each other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisites: BIO 103-104 and CHE 101-102; Physics 211-212 is recommended. Credit 4 hours.

**BIOLOGY 304. *Vertebrate Embryology.***

A broad overview of the morphological and functional aspects of vertebrate development. Lectures cover such mechanisms and underlying principles of development as gene activity and regulation, induction, differentiation and morphogenetic processes of organogenesis. The comparative developmental anatomy of the starfish, frog, chick and pig are studied in laboratory. Two hours lecture; four hours laboratory per week. Prerequisites: Biology 203 or permission of instructor. Credit 4 hours.

**BIOLOGY 306. *Invertebrate Zoology.***

A comprehensive study of the life histories, physiology and evolution of invertebrate organisms with considerable emphasis on independent research. One hour lecture; four hours reports, demonstrations and experimentations per week. Prerequisite: BIO 103-104. Credit 3 hours. Offered on student demand.

**BIOLOGY 307. *Genetics.***

A study of the laws and principles of heredity and variation as they relate to plants and animals with special reference of their applications to mankind. Evaluations of biochemical, biometrical, cytological and embryological investigations will be employed to review molecular biology. Two hours lecture and demonstrations; two hours laboratory per week. Prerequisites: BIO 103-104 and Junior level classification. Credit 3 hours.

**BIOLOGY 308. *Cell Biology.***

A combined lecture-laboratory course designed to advance the student's knowledge of mammalian tissue. Attention will be given to cell physiology and ultrastructure. Emphasis will be placed on intracellular aspects. Two hours lecture; four hours laboratory per week. Prerequisites: Organic Chemistry or special permission of the instructor. Credit 4 hours.

**BIOLOGY 316. *General Ecology.***

A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concept of modern ecology. Two hours; two hour laboratory or field trip per week. Prerequisites: BIO 103-104, or consent of Department Chairperson. Credit 3 hours.

**BIOLOGY 320. *Plant Physiology and Development.***

A course with emphasis on functional aspects of plant growth and development. Experiments and discussions on plant-water relations, mineral nutrition, enzyme function and photosynthesis will be included. Attention will be given the developmental aspects of growth, differentiation and flowering and their control by growth substances, light and temperature. Two one-hour lectures; three-hour laboratory per week. Prerequisites: BIO 103-104. Credit 4 hours.

**BIOLOGY 402. *Introduction to Principles of Radiation Science.***

An introduction to radiation physics, radiation chemistry and the use of radioisotopes as an investigative tool. A good portion of the course will be devoted to the biological effects of ionizing radiation and to its practical applications. Laboratory sessions will emphasize the use of instruments in measuring radiation, and the use of radioisotopes in chemical and biological analysis and investigation. Two hours lecture; four hours laboratory period per week. Prerequisites: One year each of biological science, chemistry, mathematics and the permission of the instructor. Credit 4 hours. Offered on student demand.

**BIOLOGY 410. *Special Problems in Biology.***

A course in which advanced biology students who demonstrate ability and interest in the field pursue an independent experimental or library research project under the guidance of the instructor. Hours arranged. Prerequisites: Permission of the instructor. Credit 1 to 4 hours each semester.

## DEPARTMENT OF BUSINESS AND ECONOMICS

The Department of Business and Economics offers curricula leading to the Bachelor of Science degrees in the following areas: Accounting, Business Administration, Business Education, Economics, Management, Marketing, and Office Administration. Two-year programs leading to the Associate in Applied Science degree are offered in Accounting, Office Administration, and Real Estate. A one-year program in Office Administration is also available. Those completing the one-year program will receive the Certificate in Applied Science.

The Department of Business and Economics attempts to serve students wishing to prepare themselves for careers in teaching, office administration, and for semi-administrative and managerial positions in public and private enterprises.

The departmental objectives are:

1. To contribute toward the student's understanding of, and appreciation for, our changing economic and technological society;
2. To provide the knowledge and skills necessary for students to perform efficiently as college graduates in the functional areas of business, such as accounting, finance, management, marketing, etc.;
3. To provide the knowledge and tools necessary for instituting new methods and techniques for modern and improved business operations and procedures;
4. To prepare students to teach business courses offered on the elementary, secondary, and postsecondary levels;
5. To prepare individuals to handle high-level secretarial and office management positions;
6. To prepare students for admissions to graduate schools for study.

## BUSINESS ADMINISTRATION DEGREE REQUIREMENTS

Students pursuing the Bachelor of Science degree in Business Administration will follow a common core of courses for the first two years. The two-year core is the freshman and sophomore year program of the curriculum in Business Administration. Beginning with the junior year, students must then elect a major from the options of Accounting, Economics, General Business Management, or Marketing. Satisfying the requirements for the Bachelor of Science degree in Business Administration with majors in either Accounting, Economics, General Business, Management, or Marketing should adequately qualify the graduate to obtain positions at mid-management levels or as management trainees in business, industry, government, and for graduate study.

### A MAJOR IN GENERAL BUSINESS

Students will follow the full four-year curriculum for Business Administration as outlined below. The General Business option is an area of concentration requiring a minimum of 48 semester hours prescribed and elected from courses covering the subjects of Accounting, Economics, Management, Marketing, Real Estate, and Computer Science.

## CURRICULUM IN BUSINESS ADMINISTRATION FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition	3	ENG 102—English Composition	3
HIS 101—World Civilization	3	HIS 102—World Civilization	3
BIO 101—Life Science	3	BIO 102—Life Science	3
MAT 100—Fund. of Mathematics	3	PHE 221—Health & Safety Education	2
BUA 121—Introduction to Business	3	BUA 112—Business Mathematics	3
GUI 100—Freshman Orientation	1	PHE —Activity	1
PHE —Activity	1	#Fine Arts Elective	3
	17		18

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature	3	**General Education Electives	6
**General Education Elective	3	SOC 202—Intro. to Social Science	3
SOC 201—Intro. to Social Science	3	ECO 212—Prin. of Economics	3
ECO 211—Prin. of Economics	3	ACC 262—Prin. of Accounting	4
ACC 261—Prin. of Accounting	4	PHE —Activity	1
*OAD 100—Elementary Typewriting	2		
PHE —Activity	1		
	17		17

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
POS 111—American Government	3	PSY 200—General Psychology	3
ECO 311—Business Statistics	3	BUE 204—Business Communications	3
BUA 321—Business Law I	3	BUA 322—Business Law II	3
OAD 325—Office Machines	2	ECO 312—Business Statistics	3
MKT 351—Principles of Marketing	3	BUA 456—Corporation Finance	3
MGT 323—Principles of Management	3	COS 101—Fortran	3
	17		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MGT 370—Business Policies	3	##Professional Electives	3-6
ECO 324—Labor Problems	3	ECO 411—Money and Banking	3
##Professional Electives	3-6	BUA 490—Business Internship	3-6
ACC 365—Managerial Accounting	3	MGT 333—Personnel Administration	3
ECO 421—Quantitative Method of Decision Making	3		
	15-18		12-18

\*Persons who have one unit or more of Typewriting or Shorthand on high school or other record shall be required to take a placement examination in each area. On the basis of test results, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination. May be taken either in the first or second semester of the Sophomore Year.

\*\*Selected from literature, Journalism, Speech, Foreign Language, Philosophy. If a Foreign Language is chosen, it must be for 6 semester hours.

#Selected from Art, Music, Drama.

##May be chosen from courses with prefixes of ACC, BPA, ECO, RES, or from the Computer Science sequence, or from the prefixes of MGT or MKT.

### A MAJOR IN ACCOUNTING

Students interested in pursuing a major in Accounting must first complete the freshman and sophomore years of requirements in the Business Administration curriculum. An Accounting major must complete a minimum of 26 semester hours in courses with the "ACC" prefix. Junior and senior year requirements for the Accounting major follow.

## CURRICULUM IN ACCOUNTING JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 311—Business Statistics	3	ECO 312—Business Statistics	3
BUA 321—Business Law	3	BUA 322—Business Law	3
ACC 361—Intermediate Accounting	3	ACC 362—Intermediate Accounting	3
MKT 351—Prin. of Marketing	3	COS 101—Fortran I	3
ACC 481—Cost Accounting	3	BUE 204—Business Communications	3
MGT 323—Prin. of Management	3	**General Education Elective	3
	18		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ACC 462—Federal Income Taxation .. 3		ECO 411—Money and Banking ..... 3	
BUA 456—Corporation Finance ..... 3		ACC 482—Auditing ..... 3	
MGT 370—Business Policies ..... 3		ACC 485—Advanced Accounting ..... 3	
ECO 421—Quantitative Method of Decision Making ..... 3		##Professional Elective ..... 3	
##Professional Elective ..... 3		BUA 490—Business Internship ..... 3-6	
	15		15-18

\*\*Selected from Psychology 200, English 201, or Political Science 101.

##May be chosen from courses with prefixes ACC, BUA, ECO, MGT, MKT, RES, or COS.

## A MAJOR IN MANAGEMENT

Students interested in pursuing a major in Management must first complete the freshman and sophomore years of requirements in the Business Administration curriculum. Junior and senior year requirements for the Management major follow.

## CURRICULUM IN MANAGEMENT

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MGT 323—Principles of Management .. 3		MGT 380—Prin. and Problems of Transportation ..... 3	
MKT 351—Principles of Marketing .. 3		MGT 390—International Business Management ..... 3	
MGT 333—Personnel Administration .. 3		BUE 204—Business Communications .. 3	
ECO 311—Business Statistics ..... 3		ECO 312—Business Statistics ..... 3	
BUA 321—Business Law ..... 3		BUA 322—Business Law ..... 3	
ACC 365—Managerial Accounting .. 3		##Professional Elective ..... 3	
	18		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MGT 370—Business Policies ..... 3		MGT 460—Human Behavior in Organization ..... 3	
MGT 452—Transportation and Business Logistics ..... 3		MGT 455—Production Management .. 3	
ECO 324—Labor Problems ..... 3		ECO 411—Money and Banking ..... 3	
BUA 456—Corporate Finance ..... 3		BUA 490—Business Internship ..... 3	
POS 111—American Government .. 3		MKT 420—Market Management ..... 3	
##Professional Elective ..... 3		##Professional Elective ..... 3	
	18		18

##May be chosen from courses with prefixes of ACC, BUA, ECO, MGT, MKT, RES, or from the Computer Science sequence.

## A MAJOR IN MARKETING

Students interested in pursuing a major in Marketing must first complete the freshman and sophomore years of requirements in the Business Administration curriculum. Junior and senior year requirements for the Marketing major follow.

## CURRICULUM IN MARKETING

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MKT 351—Principles of Marketing ... 3		MKT 360—Advertising Management .. 3	
MGT 323—Principles of Management 3		MKT 355—Sales Management ..... 3	
MKT 353—Marketing Communication .. 3		MGT 390—International Business Management ..... 3	
ECO 311—Business Statistics ..... 3		ECO 322—Business Statistics ..... 3	
BUA 321—Business Law ..... 3		BUA 322—Business Law ..... 3	
ACC 365—Managerial Accounting ... 3		POS 111—American Government .... 3	
	18		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MKT 440—Consumer Behavior ..... 3		MKT 453—Principles of Retailing ... 3	
MKT 420—Marketing Management ... 3		MKT 430—Marketing Research ..... 3	
MGT 370—Business Policies ..... 3		MGT 455—Production Management .. 3	
ECO 324—Labor Problems ..... 3		MGT 460—Human Behavior in Organization ..... 3	
MGT 452—Transportation and Business Logistics ..... 3		ECO 411—Money and Banking ..... 3	
##Professional Elective ..... 3		BUA 490—Business Internship ..... 3	
	18		18

##May be chosen from courses with prefixes of ACC, BUA, ECO, MGT, MKT, RES, or from the Computer Science sequence.

## A MAJOR IN ECONOMICS

Students electing to major in Economics must first complete the requirements in the freshman and sophomore years of the curriculum in Business Administration. A minimum of 30 semester hours in courses with the "ECO" prefix must be completed for a major in Economics. The requirements for the junior and senior years follow.

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 323—Micro-Economic Theory .. 3		ECO 322—Macro-Economics ..... 3	
ECO 311—Business Statistics ..... 3		ECO 312—Business Statistics ..... 3	
BUA 321—Business Law I ..... 3		BUA 322—Business Law II ..... 3	
ECO 329—International Economics .. 3		ECO 324—Labor Problems ..... 3	
##Professional Electives ..... 3-6		##Professional Electives ..... 3-6	
	15-18		15-18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 422—Current Economics ..... 3		ECO 411—Money and Banking ..... 3	
ECO 401—Public Finance ..... 3		BUA 490—Business Internship ..... 3-6	
ECO 421—Quantitative Method of Decision Making ..... 3		##Professional Electives ..... 6-9	
##Professional Electives ..... 6-9			
	15-18		12-18

##May be chosen from courses with prefixes of ACC, BUA, ECO, RES, or from the Computer Science sequence, or from the prefixes of MGT or MKT.

## MINOR IN ECONOMICS

Students desiring to pursue a minor in Economics should take the following course sequence.

COURSE	HOURS
ECO 211—Principles of Economics I .....	3
ECO 212—Principles of Economics II .....	3
ECO 311—Business Statistics .....	3
ECO 324—Labor Problems .....	3
ECO 411—Money & Banking .....	3
ECO 323—Intermediate Micro-Economic Theory	
OR	
ECO 322—Intermediate Macro-Economic Theory .....	3

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## BUSINESS EDUCATION DEGREE REQUIREMENTS

The curricula in Business Education are to prepare qualified teachers of business education at the secondary and postsecondary school levels. The programs lead to a Bachelor of Science degree with teaching certificates of two forms: Accounting and General Business; area of concentration in commerce. The Accounting and General Business curriculum is designed for students who wish to teach business subjects exclusive of skills courses and other secretarial

courses. The curriculum with a concentration in business education is to prepare and certify students to teach in all subject areas at the secondary and post-secondary schools level. A minimum of 48 semester hours is required for an area of concentration. In the combined subject areas of accounting and general business a minimum of 36 hours is required.

### A TEACHING MINOR IN THE AREA OF BUSINESS

Several opportunities are available to those students who might wish to select a teaching minor in the area of business. For high school certification, a minimum of 21 semester hours is required for teaching in a single subject field. Subject fields in which teaching minors may be chosen for high school certification are:

Accounting  
Economics  
General Business  
Secretarial Practice

Under the guidance of a faculty member in the Department of Business, courses are to be chosen with prefixes of "BUA," "BUE," "ECO," "OAD," "MGT," or "MKT."

The required courses, in satisfaction of prerequisites, shall be BUA 112, BUA 121, ECO 211, and MAT 100 or its equivalent.

### CERTIFICATION AS VOCATIONAL BUSINESS TEACHERS

Students who wish to be certified as teachers for the federally-reimbursed vocational business education program will follow the same curricula for major programs. However, not later than the sophomore year, students should have made known their desire for this form of certification in order that the work experience requirements can be satisfied within the four-year study period.

### CURRICULUM IN BUSINESS EDUCATION (Area of Concentration)

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MAT 100—Fund. of Mathematics .....	3	BUA 112—Business Mathematics .....	3
*OAD 103—College Typewriting I .....	3	OAD 104—College Typewriting II .....	3
GUI 100—Freshman Orientation .....	1	PHE 221—Health & Safety Education .....	2
PHE —Activity .....	1	PHE —Activity .....	1
	17		18

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature .....	3	#Fine Arts Elective .....	3
SOC 201—Intro. to Social Science .....	3	SOC 202—Intro. to Social Science .....	3
*OAD 211—Elementary Stenography .....	3	OAD 212—Advanced Stenography .....	3
ACC 261—Prin. of Accounting .....	4	ACC 262—Prin. of Accounting .....	4
OAD 324—Records Management .....	1	OAD 325—Office Machines .....	2
PSY 200—General Psychology .....	3	EDU 222—Human Growth and Development II .....	3
PHE —		PHE —Activity .....	1
	18		19

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SCI 201—Physical Science Survey .....	3	BUE 360—Prin. of Business Education .....	3
OAD 311—Dictation & Transcription .....	3	BUE 204—Business Communications .....	3
BUA 321—Business Law I .....	3	BUA 322—Business Law II .....	3
ECO 211—Prin. of Economics .....	3	ECO 212—Prin. of Economics .....	3
**General Education Elective .....	3	**General Education Elective .....	3
##Professional Elective .....	3	SOC 305—Contemporary Social Problems .....	3
	18		18

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 452—Fund. of Secondary Education .....	3	BUE 412—Educational Measurements in Business Education .....	3
OAD 421—Secretarial Procedures and Administration .....	3	BUE 400—Methods and Materials in Bookkeeping and Social Business Subjects .....	3
BUE 442—Administrative Office Management .....	3	BUE 402—Methods and Materials in Secretarial Subjects .....	3
EDU 442—Audio-Visual Education .....	3	EDU 400—Supervised Teaching .....	8
Elective in Computer Science .....	3		
##Optional Professional Elective .....	3		
	15-18		17

\*Persons who have one unit or more of Typewriting or Shorthand on high school or other record shall be required to take a placement examination in each area. On the basis of test results, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

\*\*Selected from Literature, Journalism, Speech, Foreign Language, Philosophy. If a Foreign Language is chosen, it must be for 6 semester hours.

#Selected from Art, Music Drama.

##May be chosen from courses with prefixes of ACC, BUA, ECO, RES, MGT, or MKT, or from the Computer Science sequence.

### CURRICULUM IN BUSINESS EDUCATION (Accounting-General Business)

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
*OAD 103—College Typewriting I .....	3	BUA 112—Business Mathematics .....	3
GUI 100—Freshman Orientation .....	1	PHE 221—Health & Safety Education .....	2
MAT 100—Fund. of Mathematics .....	3	#Fine Arts Elective .....	3
PHE —Activity .....	1	PHE —Activity .....	1
	17		18

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature .....	3	BUE 204—Business Communications .....	3
SOC 201—Intro. to Social Science .....	3	SOC 202—Intro. to Social Sciences .....	3
ECO 211—Prin. of Economics .....	3	ECO 212—Prin. of Economics .....	3
ACC 261—Prin. of Accounting .....	4	ACC 262—Prin. of Accounting .....	4
PSY 200—General Psychology .....	3	EDU 222—Human Growth and Development II .....	3
OAD 325—Office Machines .....	2	PHE —Activity .....	1
PHE —Activity .....	1		
	19		17

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SCI 201—Physical Science Survey .....	3	BUE 260—Prin. of Business Education .....	3
BUA 321—Business Law I .....	3	BUA 322—Business Law II .....	3
Elective in Accounting .....	3	**General Education Elective .....	3
†Professional Electives .....	6	†Professional Elective .....	3
**General Education Elective .....	3	SOC 305—Contemporary Social Problems .....	3
	18		15



## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
EDU 452—Fund. of Secondary Education .....	3	BUE 400—Methods & Materials in Bookkeeping and Social Business Subjects .....	3
EDU 442—Audio-Visual Education .....	3	BUE 412—Educational Measurement in Business Education .....	3
Elective in Computer Science .....	3	EDU 400—Supervised Teaching .....	8
Elective in Accounting .....	3		
BUA 490—Business Internship .....	1-3		
##Professional Elective .....	3		
	16-18		14

\*Persons who have one unit or more of Typewriting or Shorthand on high school or other record shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

\*\*Selected from Literature, Journalism, Speech, Foreign Language, Philosophy. If a Foreign Language is chosen, it must be for 6 semester hours.

†Excluding Accounting.

‡Selected from Art, Music, Drama.

##May be chosen from courses with prefixes of ACC, BUA, ECO, RES, MGT, MKT, or the Computer Science course sequence.

## CURRICULUM IN OFFICE ADMINISTRATION

## FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MAT 100—Fund. of Mathematics .....	3	BUA 112—Business Mathematics .....	3
*OAD 103—College Typewriting I .....	3	OAD 104—College Typewriting II .....	3
GUI 100—Freshman Orientation .....	1	PHE 221—Health & Safety Education .....	2
PHE —Activity .....	1	PHE —Activity .....	1
	17		18

## SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 211—Intro. to Literature .....	3	English Speech Electives 103 or 201 ..	2-3
BUA 121—Introduction to Business .....	3	ACC 262—Prin. of Accounting .....	4
ACC 261—Prin. of Accounting .....	4	OAD 212—Advanced Stenography .....	3
*OAD 211—Elementary Stenography .....	3	SOC 202—Intro. to Social Science .....	3
SOC 201—Intro. to Social Science .....	3	**General Electives .....	3
OAD 324—Records Management .....	1	Activity .....	1
PHE —Activity .....	1		
	18		16-17

## JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
Language Elective .....	3	Language Elective .....	3
OAD 311—Dictation & Transcription .....	3	MGT 333—Personnel Administration .....	3
ECO 211—Prin. of Economics .....	3	ECO 212—Prin. of Economics .....	3
BUA 321—Business Law I .....	3	BUA 322—Business Law II .....	3
MGT 323—Prin. of Management .....	3	BUE 204—Business Communications .....	3
OAD 325—Office Machines .....	2	PSY 200—General Psychology .....	3
	17		18

\*Persons who have one unit or more of Typewriting or Shorthand on high school or other record shall be required to take a placement examination in each area. On the basis of test results, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

\*\*Selected from Literature, Journalism, or Philosophy.

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
POS 101—American Government .....	3	ECO 411—Money and Banking .....	3
SOC 401—Social Psychology .....	3	OAD 492—Office Administration Internship .....	6
BUE 442—Administrative Office Management .....	3	##Professional Electives .....	6
OAD 421—Secretarial Procedures and Administration .....	3		
##Professional Elective .....	3		
Computer Science Elective .....	3		
	18		15

##May be chosen from courses with prefixes of ACC, BUA, ECO, RES, MGT, MKT, or from the Computer Science course sequence.

## OFFICE ADMINISTRATION DEGREE REQUIREMENTS

Students satisfying the requirements for the Bachelor of Science degree in Office Administration become qualified to assume secretarial and office management positions of some responsibility, including those of office supervisor, administrative secretary, executive secretary, and office manager.

Requirements for OAD 103, 104, 211, and 212 are the same as those listed under the curricula in Business Education.

## ASSOCIATE IN APPLIED SCIENCE DEGREES

Through its two-year programs, the Department offers accelerated programs in Accounting, Office Administration, and Real Estate. A minimum of 60 semester hours of course work have to be successfully completed to earn the Associate in Applied Science degree in the respective occupational area.

ACCOUNTING  
(Two-Year Curriculum)

The two-year course in Accounting is designed to provide students with the necessary background for employment in the area of Accounting.

## FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
MAT 100—Fund. of Mathematics .....	3	BUA 112—Business Mathematics .....	3
BUA 121—Intro. to Business .....	3	ACC 262—Prin. of Accounting .....	4
ACC 261—Prin. of Accounting .....	4	OAD 325—Office Machines .....	2
PSY 200—General Psychology .....	3	COS 100—Intro. to Electronic Data Processing .....	3
		*OAD 100—Elementary Typewriting ..	2
	16		17

## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
ECO 211—Prin. of Economics .....	3	ECO 212—Prin. of Economics .....	3
BUA 321—Business Law .....	3	BUA 322—Business Law .....	3
ACC 361—Intermediate Accounting .....	3	ACC 362—Intermediate Accounting .....	3
ACC 462—Federal Income Taxation .....	3	POS 101—American Government .....	3
ECO 311—Business Statistics .....	3	#Accounting Elective .....	3
BUE 204—Business Communications .....	3		
	18		15

\*Persons who have one unit or more of Typewriting on high school or other record shall be required to take a placement examination in each area. On the basis of test result, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

##May be chosen from courses with prefix of ACC.

CERTIFICATE IN APPLIED SCIENCE—OFFICE  
ADMINISTRATION CURRICULUM (ONE YEAR)

Fall Semester	Hours	Spring Semester	Hours
MAT 100—Fund. of Mathematics .....	3	BUA 112—Business Mathematics .....	3
BUA 121—Intro. to Business .....	3	OAD 103—College Typewriting .....	3
*OAD 100—Elementary Typewriting .....	2	OAD 212—Elementary Stenography .....	3
*OAD 211—Elementary Stenography .....	3	OAD 325—Office Machines .....	2
OAD 324—Records Management .....	1	COS 100—Intro. to Electronic Data Processing .....	3
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
	15		17

\*Persons who have one unit or more of Typewriting or Shorthand on high school or other record shall be required to take a placement examination in each area. On the basis of test results, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

## OFFICE ADMINISTRATION (Two-Year Curriculum)

The two-year curriculum in Office Administration is designed to prepare the student for employment in general secretarial and clerical fields. This program is especially planned for the person who does not wish to pursue a bachelor's degree but is interested in acquiring the requisite competencies and skills for gainful employment. The curriculum provides the collegiate background that will contribute to improved job performance and advancement following a two-year period of study.

### FIRST YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 100—Fund. of Mathematics . . . 3		BUA 112—Business Mathematics . . . 3	
ENG 101—English Composition . . . 3		ENG 102—English Composition . . . 3	
BUA 121—Intro. to Business . . . 3		OAD 103—College Typewriting . . . 3	
*OAD 100—Elementary Typewriting . . 2		OAD 325—Office Machines . . . . . 2	
OAD 324—Records Management . . . 1		OAD 212—Advanced Stenography . . 3	
*OAD 211—Elementary Stenography . . 3		PSY 200—General Psychology . . . 3	
	15		17

### SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ACC 261—Prin. of Accounting . . . . 4		BUE 204—Business Communications . 3	
ECO 211—Prin. of Economics . . . . 3		OAD 421—Secretarial Procedures and Administration . . . . . 3	
BUA 321—Business Law I . . . . . 3		BUE 422—Administrative Office Management . . . . . 3	
OAD 311—Dictation and Transcription 3		COS 100—Intro. to Electronic Data Processing . . . . . 3	
OAD 104—College Typewriting . . . . 3		OAD 422—Secretarial Office Internship . . . . . 3	
	16		15

\*Persons who have one unit or more of Typewriting on high school or other record shall be required to take a placement examination in each area. On the basis of test result, they shall be admitted to either OAD 100 or 103 and OAD 211 or 212. Business Education and Office Administration majors will be required to complete OAD 103, 104, 211, 212, and 311 unless they can prove their ability to satisfy these requirements by examination.

## REAL ESTATE (Two-Year Curriculum)

As the economy progresses and population grows, there has been an accompanying increase in demand for all types of real estate, housing in particular. Consequently, there has been an increase in demand for competent and professional persons in the real estate field. This particular program is purposely designed to meet this challenging demand.

The Associate Degree in Real Estate program is designed to prepare students with principles, concepts, and working knowledge of the real estate field which will enable them to pursue careers in the real estate industry.

### FIRST YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition . . . . 3		ENG 102—English Composition . . . . 3	
MAT 100—Fund. of Mathematics . . . 3		BUA 112—Business Mathematics . . . 3	
RES 101—Prin. of Real Estate . . . . 3		RES 102—Real Estate Marketing . . . 3	
PSY 200—General Psychology . . . . 3		RES 106—Residential Construction . 3	
BUA 121—Introduction to Business . . 3		RES 104—Real Estate Valuation . . . 3	
	15	##Professional Elective . . . . . 3	
			18

## SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ACC 261—Prin. of Accounting . . . . 4		ACC 262—Prin. of Accounting . . . . 4	
ECO 211—Prin. of Economics . . . . 3		ECO 212—Prin. of Economics . . . . 3	
ENG 201—Public Speaking . . . . . 3		RES 220—Problems in Real Estate . . 3	
RES 201—Real Estate Law . . . . . 3		RES 212—Real Estate Investment	
RES 211—Real Estate Finance . . . . 3		##Professional Elective . . . . . 3	
RES 213—Property Management . . . 3		Strategy . . . . . 3	
	19		16

##Professional electives are to be selected from the following courses: COS 101, ECO 411, or BUA 351. Other electives may be chosen in consultation with departmental faculty advisor.

## COURSE DESCRIPTIONS

### ACCOUNTING

#### ACCOUNTING 261. *Principles of Accounting.*

A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Three lectures and three laboratory periods each week Credit 4 hours.

#### ACCOUNTING 262. *Principles of Accounting.*

In this course the student is acquainted with accounting fundamentals involving corporation partnerships, investments, manufacturing operations, and analyzing financial statements. Prerequisite: ACC 261. Credit 4 hours.

#### ACCOUNTING 361. *Intermediate Accounting.*

A comprehensive survey of current accounting theory and problems applicable to modern business enterprises. Prerequisite: ACC 262. Credit 3 hours.

#### ACCOUNTING 362. *Intermediate Accounting.*

A continuation of the study of current accounting theory and problems applicable to modern business enterprises. Prerequisite: ACC 361. Credit 3 hours.

#### ACCOUNTING 365. *Managerial Accounting.*

A study of the use of accounting information and accounting techniques in the decision-making process. Prerequisite: ACC 262. Credit 3 hours.

#### ACCOUNTING 461. *Governmental Accounting.*

A study of budgetary controls, systems, theories and an application of the principles of fund accounting and reporting for governmental units. Prerequisite: ACC 262. Credit 3 hours.

#### ACCOUNTING 462. *Federal Income Taxation.*

Interpretation of federal income tax laws. Rules and regulations applicable to individuals and business. Attention is given to court decisions and internal revenue procedures. Prerequisite: ACC 361. Credit 3 hours.

#### ACCOUNTING 463. *Advanced Federal Income Tax Procedures.*

Interpretation of federal income tax laws. Rules and regulations applicable to partnerships, corporations, reorganizations, fiduciaries, and gift. Attention is given to research in federal income taxation, court decisions, and internal revenue procedures. Prerequisite: ACC 462. Credit 3 hours.

#### ACCOUNTING 481. *Cost Accounting.*

A study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs. Prerequisite: ACC 361. Credit 3 hours.

**ACCOUNTING 482. Auditing.**

A study of auditing to include the history, scope of service, ethics and responsibilities. Auditing techniques and procedures used in independent audits are discussed and applied to a continuous practice problem. Consideration is given to the types, limitations and contents of audit working papers, audit reports as prepared by the independent audit. Prerequisite: ACC 362. Credit 3 hours.

**ACCOUNTING 483. Accounting Theory.**

An analysis of the accounting concepts and procedures with particular emphasis on the reasoning behind the methods of measuring income, determination of costs, and the investigation of the financial position of the organization. Prerequisite: ACC 361. Credit 3 hours.

**ACCOUNTING 485. Advanced Accounting.**

A comprehensive study of selected accounting problems including partnership, consolidated statement, consignment sales, installment sales, receivership, etc. Prerequisite: ACC 362. Credit 3 hours.

**BUSINESS ADMINISTRATION****BUSINESS ADMINISTRATION 112. Business Mathematics.**

The development of arithmetic skills and the application of these to business problems including mark-up, insurance, partnership and corporation problems, sinking funds, interest, present values and annuities. Credit 3 hours.

**BUSINESS ADMINISTRATION 121. Introduction to Business.**

A study of the fundamental principles of business organization, finance, banking, credit management, salesmanship, and advertising. Required of all business majors and prerequisite to all business courses. Credit 3 hours.

**BUSINESS ADMINISTRATION 321-322. Business Law.**

A study of the legal aspects of business relating to contracts, agency, negotiable instruments, organization, real and personal property, and the application of legal theories to cases. Prerequisite: Junior standing. Credit 3 hours for each course.

**BUSINESS ADMINISTRATION 456. Corporate Finance.**

An examination of the principles of financing capital and securities for business organizations. Prerequisite: ACC 261 and ECO 212. Credit 3 hours.

**BUSINESS ADMINISTRATION 290, 390, 490. Business Internship.**

Work experience of a co-op nature designed to enable the student to acquire practical on-the-job experience as he pursues his course work. BUA 290 and 390 will be offered the summers following the freshman and sophomore years, respectively. BUA 490 will be offered the summer following the junior year and during the last semester of the senior year. Requirements for course: recommendation by Department. Credit 0-6 hours.

**BUSINESS EDUCATION****BUSINESS EDUCATION 204. Business Communication.**

Emphasis is placed on communication theory and its application primarily to business writings—letters, memorandums, and reports—with correct and forceful English. Techniques for effective dictation and procedures used for solving internal business reporting problems are also included. Prerequisites: OAD 100 or the equivalent, ENG 101 and 102. Credit 3 hours.



**BUSINESS EDUCATION 360. *Principles of Business Education.***

Consideration of the philosophy and the problems underlying practices and methods in the teaching of general business, bookkeeping, shorthand, typewriting, and related business subjects offered in secondary and postsecondary institutions. Credit 3 hours.

**BUSINESS EDUCATION 400. *Methods and Materials in the Teaching of Bookkeeping and Social Business Subjects.***

Methods, materials, and techniques used in the teaching of bookkeeping, accounting, general business, and other social business subjects. Prerequisite: ACC 261, ACC 262; BUE 360. Credit 3 hours.

**BUSINESS EDUCATION 402. *Methods and Materials in the Teaching of Secretarial Subjects.***

Special methods, techniques, and devices used in the teaching of shorthand, typewriting, secretarial office practice, and other skills courses. Prerequisite: BUE 360. Credit 3 hours.

**BUSINESS EDUCATION 412. *Educational Measurement in Business Education.***

Principles of tests and testing and evaluation theories are presented for specific business subjects; selection of tests and constructing tests; analyzing and interpreting test scores; converting test score to school grades; and determining the statistical validity and reliability of tests. Prerequisites: MAT 100, BUA 112, OAD 325, BUE 360, or senior standing. Credit 3 hours.

**BUSINESS EDUCATION 442. *Administrative Office Management.***

Problems involved in planning and directing the function of business and professional offices, including office building, layout, form construction, systems, management, and the preparation of office manuals. Credit 3 hours.

**ECONOMICS****ECONOMICS 211. *Principles of Economics I.***

This course introduces the student to the general field of Economics. It treats the background of our economy, production, a study of money and the banking system. Credit 3 hours.

**ECONOMICS 212. *Principles of Economics II.***

A continuation of ECO 211. This course includes a study of distribution theory, government finance, business fluctuations, labor problems and industrial relations, international trade, and various economic system. Prerequisite: ECO 211. Credit 3 hours.

**ECONOMICS 311-312. *Business Statistics.***

The study of the theories and techniques of statistical methods applicable to economics and business and the development of tools necessary for decision-making as employed in research. Prerequisite: BUA 112 and ECO 212. Credit 3 hours for each course.

**ECONOMICS 322. *Macro-Economics.***

A systematic development of static and dynamic theories of aggregate economics; the measurement of economic activity, determination of national income, growth and fluctuations and problems in the control of economic activity. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 323. *Intermediate Micro-Economic Theory.***

The course is designed to provide an intensive study of economic analysis of

consumption, output, price and factor proportion problems of forms in different market structures, and distribution of income. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 324. *Labor Problems.***

A study of the labor market and the labor movement. Among the labor problems studied are wage rates, unemployment, industrial accidents and workmen's compensation, and industrial disputes. Emphasis is placed on the relationship between the organized labor movement and other groups in our economy. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 325. *Comparative Economic Systems.***

A study of the ideologies and functionings of Capitalism, Communism, Fascism, and Socialism. Emphasis is placed on the operation of basic economic institutions and the manner in which various economic principles and theories operate in each of the systems. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 329. *International Economics.***

A description and analysis of the international economic relationships among the nations of the world with emphasis on the United States, international trade in merchandise, services, unilateral transfers or donations, and international capital movements are examined together with balances of payments and the international monetary system. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 401. *Public Finance and Taxation.***

An examination of the receipt and expenditures of public funds, and systems of taxation, and debt. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 411. *Money and Banking I.***

A study of our monetary and banking systems. Emphasis is placed on the role of the Federal Reserve System. Prerequisite: ECO 212. Credit 3 hours.

**ECONOMICS 412. *Money and Banking II.***

A continuation of ECO 411. Emphasis is placed on monetary theories, relationship of money to credit and prices, and current monetary problems. Prerequisite: ECO 411. Credit 3 hours.

**ECONOMICS 421. *Introduction to Quantitative Method of Decision Making and Operational Research.***

Topics included in this course are calculus, functions, matrix algebra, linear programming, various models and decision theory. Prerequisite: ECO 312. Credit 3 hours.

**ECONOMICS 422. *Current Economics.***

An application of economic theories and principles of contemporary economic problems. Prerequisite: ECO 212. Credit 3 hours.

**MANAGEMENT****MANAGEMENT 323. *Principles of Management.***

The purpose of this course is to give the student a working knowledge of fundamental principles underlying the management of business enterprises. The student is acquainted with methods of identifying and evaluating the influence upon a business enterprise, and then given a comprehensive view of modern practices of planning, supervising, organizing, and controlling various functional activities. Prerequisite: ECO 212. Credit 3 hours.

**MANAGEMENT 333. *Personnel Administration.***

An examination of supervision of employees and the development of policies



relating to effective utilization of human resources in business concerns. Prerequisite: ECO 212. Credit 3 hours.

**MANAGEMENT 370. *Business Policies.***

A course in which students will gain experience through the implementation of general management tasks of strategy formulation and organizational implementation to simulated business firms. Prerequisite: BUA 121, ACC 261, ACC 262, ECO 211, and ECO 212. Credit 3 hours.

**MANAGEMENT 380. *Principles and Problems of Transportation.***

An analysis of selected case problems in transportation management, location of facilities, equipment selection and regulations, national transportation policies, air pollution problems, and problems of the transportation mode as well as transportation principles. Prerequisite: MGT 323. Credit 3 hours.

**MANAGEMENT 390. *International Business Management.***

A study of management of international trade organizations, marketing information, relations of the foreign government, getting international orders, international physical distribution management, and other environmental management in the international business areas. Prerequisite: MGT 323 and MKT 351. Credit 3 hours.

**MANAGEMENT 452. *Transportation and Business Logistics.***

A study of the economics of transportation service, location and population of industry, factors and principles of transportation, communication and order processing in design, and operations of efficient logistics system which provides total control in transportation and logistics management. Prerequisite: MGT 323 and MGT 380. Credit 3 hours.

**MANAGEMENT 455. *Productions Management.***

A study of managerial decision making in the production and operations area. An analysis of case study, quantitative materials and problems, as well as analysis of the application of mathematics and statistics to problems of demand forecasting, resources allocating, scheduling, and inventory control. Prerequisite: MGT 323 and MGT 380. Credit 3 hours.

**MANAGEMENT 460. *Human Behavior in Organization.***

An analysis of organizational theory concerning the behavior of persons in organized settings. A study of personality, values, motivation, leadership, authority in groups, and the structure and process of informal groups. Prerequisite: MGT 323 and MGT 370. Credit 3 hours.

## MARKETING

**MARKETING 351. *Principles of Marketing.***

Study of the movement of goods from producers to consumers and an examination of the functions of the marketing process, marketing institutions, channels of distribution, legal aspects, and policy considerations. Prerequisite: ECO 212. Credit 3 hours.

**MARKETING 353. *Marketing Communication.***

A study of introduction of marketing communications, identification of marketing, communication goals, analysis of advertising, personal selling, and sales promotions as communication techniques. Prerequisite: Junior standing. Credit 3 hours.

**MARKETING 355. *Sales Management.***

An examination of the general and specific knowledge and background of sales

management areas. Special emphasis is given to the decisions involved managing the sales force and on the evaluation of the selling performances as measured by analytical method. Prerequisite: MKT 351 and MGT 323. Credit 3 hours.

**MARKETING 360. *Advertising Management.***

A study of functions of advertising and decision making by the advertising manager. An analysis of effective advertising and managerial skills of the following areas such as newspapers, magazines, television, radio, direct mail, and other advertising media. Prerequisite: MKT 351 and MGT 323. Credit 3 hours.

**MARKETING 420. *Marketing Management.***

A study of the viewpoints of the marketing executive whose responsibility is coordination of the objectives and resources of the firm with opportunities existing in marketing; whose strategies and tactics relate to the basic administrative process of analysis, organization, planning, and control. Prerequisite: MKT 351 and MGT 323. Credit 3 hours.

**MARKETING 430. *Marketing Research.***

A study of the scope of marketing research, research design, sampling methods and problems, data collection, research report writing, and applications. Prerequisite: MKT 351 and MGT 323. Credit 3 hours.

**MARKETING 440. *Consumer Behavior.***

A study of the economic, psychological, and cultural factors for determining the behavior patterns of consumers. Analysis of information for economics, psychology, social psychology, and cultural anthropology as a determinant of behavior which is important to the marketing process. Prerequisite: MKT 351. Credit 3 hours.

**MARKETING 453. *Principles of Retailing.***

This course is designed to acquaint the student with such fundamentals of buying, sales promotion, pricing, control and store finance of various retail enterprises, and how they operate to serve both consumer and producer of commodities. Prerequisite: MKT 351. Credit 3 hours.

## OFFICE ADMINISTRATION

**OFFICE ADMINISTRATION 100. *Elementary Typewriting.***

Basic Typewriting instruction designed to develop proficiency in the use of the typewriter in communications. For minimum proficiency, student should be able to typewrite simple letters, tables, and manuscripts in satisfactory form, arrangement, and appearance, and within reasonable periods of time. Student should attain the skill to typewrite a minimum of 35 words per minute on straight copy material for five minutes with a high degree of accuracy. Credit 2 hours.

**OFFICE ADMINISTRATION 103. *College Typewriting I.***

Admission by examination or the successful completion of OAD 100. Along with measurement of straight copy progress, emphasis is placed upon the application of typewriting to business office jobs: business letters, business forms, tabulations, manuscripts, and legal documents. Required for Business Education and Office Administration majors. Credit 3 hours.

**OFFICE ADMINISTRATION 104. *College Typewriting II.***

Emphasis is placed upon production work, incorporating a complex of office problems requiring the use of the typewriter for solutions. High level skill in handling the various types of duplicating jobs and typing from machine dictation are abilities to be developed in this course. Required of Business Education and

Office Administration majors. Prerequisite: OAD 103 or admission by examination. Credit 3 hours.

**OFFICE ADMINISTRATION 105. *Notehand.***

A course designed to facilitate the notetaking ability of students. It has as its objective to improve learning, extend retention, increase study efficiency through effective techniques of listening, reading, and notetaking. Credit 3 hours.

**OFFICE ADMINISTRATION 211. *Elementary Stenography.***

A mastery of the principles of Gregg Shorthand with emphasis on the reading and writing of shorthand notes. Credit 3 hours.

**OFFICE ADMINISTRATION 212. *Advanced Stenography.***

Continuation of OAD 211. Emphasis is upon speed and accuracy in recording dictation and transcribing. Prerequisite: OAD 211 or its equivalent. Credit 3 hours.

**OFFICE ADMINISTRATION 311. *Dictation and Transcription.***

Emphasis is placed upon dictation for mailable transcriptions. Prerequisite: OAD 212. Credit 3 hours.

**OFFICE ADMINISTRATION 324. *Records Management.***

Emphasis is placed on principles of applying scientific control to creating, processing, filing, maintaining, protecting and disposing of an organization's records. Two class meetings per week. Credit 1 hour.

**OFFICE ADMINISTRATION 325. *Office Machines.***

The application of desktop calculators to mathematical, accounting, and statistical problems. Students solve problems through the use of add-listing, rotary, printing, key drive, and electronic calculators. Prerequisite: BUA 112. Credit 2 hours.

**OFFICE ADMINISTRATION 421. *Secretarial Procedure and Administration.***

An integrated course combining the skills in shorthand, typewriting and accounting. Concerned with the taking of minutes, report writing, manuscripts, office style dictation and the solving of problems which arise in the office. Prerequisites: OAD 201 and 212. Credit 3 hours.

**OFFICE ADMINISTRATION 422. *Secretarial Office Internship.***

Students are required to work in an office environment for approximately fifteen hours per week or 170 hours per semester. Prerequisite: OAD 311 or admission by consultation of major professor in Business Education. Credit 3 hours.

## REAL ESTATE

**REAL ESTATE 101. *Principles of Real Estate.***

A study of the economic and legal environment within which real estate is transferred and used. The principal objective is to acquaint the student with general subjects necessary to enter into the real estate field. The areas to be covered in this course are brokerage, agreements of sale, deeds, financing of real estate, mortgages, judgments, valuation appraisal, and license law. Formerly Business Administration 452. Credit 3 hours.

**REAL ESTATE 102. *Real Estate Marketing.***

Principles, practices of listing, selling title transfer, drawing documents, contracts, deeds, financing, and other instruments. Ownership rights, liens, taxes, assessments, and other claims on real property. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 104. *Real Estate Valuation.***

A general appraisal of the real estate market: factors affecting the value of land,

construction costs per square foot and cubic foot, factors considered in residential and commercial appraisals, demonstrations of residential and commercial appraisals, and transaction of rental income into present value. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 106. *Real Estate Construction.***

An introduction to the basic concepts of construction and design and the technique of reading blueprints. Single-family, multi-family and factory built modular housing construction. Site selection, land planning, economic analysis, zoning, building codes, construction techniques, materials, management, and functioning of mortgage markets, syndicates and leasing arrangements, and prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 201. *Real Estate Law.***

Designed to equip the student with an understanding of legal principles governing real estate transactions, with particular attention to sales, contracts, deeds, mortgages, title insurance, taxes, community property, and homestead law. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 211. *Real Estate Finance.***

Designed to acquaint the student with financing and investment problems peculiar to real estate. Discussion centers on the types of financing instruments employed, institutional arrangements, the role of government, the nature and functioning of mortgage markets, syndicates and leasing arrangements, and investment analysis. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 212. *Real Estate Investment Strategy.***

This course views the real estate property as an investment alternative. Investment objectives, risks, and rewards. Resource characteristics and administration. Development decision and analysis, mortgage finance, cost and availability of funds, location analysis, property analysis, and valuation. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 213. *Property Management.***

Management of commercial, residential property, rental values, neighborhood analysis, tenant selection, leasing, and tenant and owner relationship. Prerequisite: RES 101. Credit 3 hours.

**REAL ESTATE 220. *Problems in Real Estate.***

This course focuses on the problems of adequate land use, community development, and area rehabilitation. Specifically, detailed consideration is given to community and regional planning, zoning and subdivision control, urban renewal, and the efficient utilization of resource in land and real estate. Prerequisite: RES 101. Credit 3 hours.

## DEPARTMENT OF CHEMISTRY

The Department of Chemistry prepares students for:

1. Chemical Industry and Government
2. Medical School
3. Dental School, Pharmacy, etc.
4. Graduate School
5. Veterinary Medicine
6. Teaching

The Department also offers courses suitable for the needs of those groups of students in Home Economics, Industrial Arts, Nursing, etc. who desire a more limited knowledge of chemistry.

Students majoring in Chemistry must include courses 101, 102, 201, 202, 203, 204, 307, and 308 in the 40 hour requirement for majors. The remaining courses may be selected from courses 301, 312, 314, 315, 316, 408. The chemistry major curriculum provides for a minor in Mathematics. Students requesting Chemistry as a second major must include courses 101, 102, 201, 202, 203, 204, 307 and 308 in the required 40 hours for majors.

Students minoring in Chemistry must include courses 101, 102, 201, 202, 203, 204 and/or 307 in the 24-hour requirement for minors.

### CHEMICAL ENGINEERING

Chemical Engineering majors see Engineering Curriculum.

## CURRICULUM DEPARTMENT OF CHEMISTRY

### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition	3	ENG 102—English Composition	3
*HIS 101—World Civilization	3	*HIS 102—World Civilization	3
BIO 103—Life Science	4	BIO 104—Life Science	4
MAT 101—College Algebra	3	MAT 102—Trigonometry	3
CHE 101—General Chemistry I	4	CHE 102—General Chemistry II	4
GUI 100—Orientation	1	PHE —Activity	1
PHE —Activity	1		
	19		18

### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
MAT 203—Calculus	3	MAT 204—Calculus	3
MAT 201—Plane Anal. Geometry	3	Foreign Language (German)	3
CHE 201—Organic Chemistry I	4	CHE 202—Organic Chemistry II	4
Foreign Language (German)	3	PHE —Activity	1
PHE —Activity	1	CHE 204—Quantitative Analysis	4
CHE 203—Quantitative Analysis	4		
	18		15

### JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
SOC 201—Intro. to Soc. Sci.	3	SOC 202—Intro. to Soc. Sci.	3
Foreign Language (German)		Foreign Language (German)	
or		or	
Computer Science Elective	4	Computer Science Elective	3
PHY 211—Physics	4	PHY 212—Physics	4
CHE 307—Physical Chemistry I	4	CHE 308—Physical Chemistry II	4
PHE 221—Health and Safety	2	Mathematics Elective	3
	17		17

### SENIOR YEAR (PROFESSIONAL)

Fall Semester	Hours	Spring Semester	Hours
ENG 211—Intro. to Literature	3	ECO 211—Prin. of Economics	3
Fine Arts Elective	3	Chemistry Electives	4-8
Chemistry Electives	8	Mathematics and/or Biology Electives	3-4
Mathematics or Biology Electives	3-4		
	17-18		10-15

### SENIOR YEAR (TEACHING MAJORS)

Fall Semester	Hours	Spring Semester	Hours
ECO 211—Principles of Economics	3	EDU 410S—Methods	3
EDU 452—Fund. of Sec. Ed.	3	EDU 400—Supervised Teaching	8
Chemistry Elective	6	EDU 412—Adm. Pub. Schools	3
Humanities Elective	3		
PHI 200—Intro. to Philosophy	3		
	18		14

## COURSE DESCRIPTIONS

**CHEMISTRY 100.** *Survey of General Chemistry (Science and engineering majors not admitted).*

Credit for this course will not count towards a major or minor in Chemistry. Four hours lecture per week, with laboratory demonstrations included. This course will be structured to cover the basic principles of general chemistry, for students planning careers in Home Economics, Nursing and Industrial Arts. The study will include a rigorous treatment of the basic mathematics encountered in the introductory course. Credit 4 hours.

**CHEMISTRY 101.** *General Chemistry I.*

This course is an introduction to the fundamental laws and theories of chemistry. Subject matter includes units of scientific measurement, introduction to atomic structure and chemical bonding, chemical calculations, the states of matter, and the chemistry of solutions. Laboratory experiments illustrate properties of selected elements and compounds, laws governing atomic theory, and particular properties of gases, liquids, solids, and solutions. Lecture three hours per week. Laboratory four hours per week. Credit 4 hours.

**CHEMISTRY 102.** *General Chemistry II.*

A continuation of CHE 101, including topics such as chemical kinetics and equilibria, ionic equilibria in solution, nuclear chemistry, thermochemistry, electrochemistry, descriptive chemistry of particular chemical families, and organic chemistry. Laboratory is principally semi-micro qualitative inorganic analysis. Lecture three hours per week. Laboratory four hours per week. Prerequisite: CHE 101 or its equivalent. Credit 4 hours.

**CHEMISTRY 200.** *Survey of Basic Organic Chemistry.*

Credit for this course will not count towards a major or minor in chemistry. This course is designed to cover the basic classification of organic compounds, their reactivities and structure relationships both in-vivo and in-vitro. The course will place emphasis on the chemistry of biologically active organic compounds as related to medicinal and nutritional aspects of organic chemistry. 4 hours of lecture per week. Prerequisite: CHE 100. Credit 4 hours.

**CHEMISTRY 201.** *Organic Chemistry I.*

A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the molecular orbital representation of organic molecules, mechanisms of organic reactions, and an introduction to the use of ultraviolet, infrared and nuclear magnetic resonance spectroscopy in the identification of organic compounds. Laboratory experience includes basic principles of separation of compounds, classification of compounds according to their functional groups and synthesis of the basic classes of organic compounds. Lecture three hours per week. Laboratory 3 hours per week. Prerequisite: CHE 102. Credit 4 hours.

**CHEMISTRY 202.** *Organic Chemistry.*

A continuation of CHE 201, which covers the reaction of amines, alcohols, phenols, aldehydes, ketones, carboxylic acids, and polyfunctional organic molecules. The study includes a mechanistic approach to organic reactions along with instrumental methods of functional group determination. Lecture 3 hours. Laboratory 3 hours. Prerequisite: CHE 201. Credit 4 hours.

**CHEMISTRY 203.** *Quantitative Analysis I.*

This course covers the fundamental theory and practice of volumetric and gravimetric analysis. The laboratory work is concerned with the preparation of

standard solutions to the analysis of salts, alloys, and ores. The techniques of volumetric, gravimetric, and electrochemical methods are taught. The student is trained in chemical calculations as applied to quantitative analysis. Lecture 2 hours per week. Laboratory 4 hours per week. Prerequisite: CHE 102. Credit 4 hours.

**CHEMISTRY 204. *Quantitative Analysis II.***

This course covers the more complex methods of quantitative analysis including complexometric titrations and instrumental techniques of quantitative analysis. Lecture 2 hours per week. Laboratory 4 hours per week. Prerequisite: CHE 102. Credit 4 hours.

**CHEMISTRY 301. *Qualitative Organic Analysis.***

A continuation of the study of Organic Chemistry with emphasis on the identification and characterization of organic compounds by laboratory and instrumental methods. Lecture two hours per week. Laboratory 4 hours per week. Prerequisite: CHE 202. Credit 4 hours.

**CHEMISTRY 307. *Physical Chemistry I.***

An introduction to theory and application of thermodynamics, molecular kinetics, and chemical kinetics. Lecture three hours per week. Laboratory three hours per week. Prerequisite: MAT 203, CHE 203 (or concurrent). Credit 4 hours.

**CHEMISTRY 308. *Physical Chemistry II.***

A continuation of CHE 307. Emphasis on and introduction to quantum mechanics, statistical mechanics, and molecular spectroscopy. Lecture three hours per week. Laboratory three hours per week. Prerequisite: CHE 307. Credit 4 hours.

**CHEMISTRY 312. *Inorganic Chemistry.***

An advanced course in systematic inorganic chemistry considered from the standpoint of periodicity and electronic structure. Treats current topics such as modern theories of bonding (valence bond, crystal field, and molecular orbital approaches), acid-base theories, chemical reactions in non-aqueous media, and transition metal coordination chemistry. Lecture four hours per week. Prerequisite: CHE 101-102. Credit 4 hours.

**CHEMISTRY 314. *Instrumental Analysis.***

This course will include the theory and modern instrumental methods of analysis, including spectrophotometric, chromatographic and electro-analytical techniques. Lecture two hours per week. Laboratory four hours per week. Prerequisite: CHE 202. Credit 4 hours.

**CHEMISTRY 315. *Biochemistry I.***

An introductory but intensive treatment of biochemistry. Topics stressed include amino acids, protein, enzymes, carbohydrates and lipids. A selected topics of major metabolic pathways will be discussed. Treatment will be given to cell structure and nature of enzyme action. Lecture 3 hours per week. Laboratory 3 hours per week. Prerequisite: CHE 202 with 307 recommended. Credit 4 hours.

**CHEMISTRY 316. *Biochemistry II.***

A detailed study of metabolic utilization of carbohydrates, triglycerides, fatty acids and sterols in both health and disease. The influence of enzymes and hormones in these transformations will be discussed. Oxidative phosphorylation, photosynthesis, nucleic acids and nucleotides will be treated in detail. Regula-

tion of protein synthesis and control of enzyme activity are included. Laboratory experiments involve special biochemical techniques including electrophoresis, gel and sephadex chromatography, gas liquid chromatography, radio isotope tagging and enzyme kinetics studies. Lecture 3 hours. Laboratory 3 hours. Prerequisite: CHE 315. Credit 4 hours.

**CHEMISTRY 401. *Undergraduate Research.***

This course is designed to give Chemistry majors an opportunity to conduct independent research, utilizing techniques in synthesis, analysis and applications of basic chemical theory. Open to juniors and seniors who show promise in the field; admission only by Department Chairman. Credit 4 hours by arrangement.

**CHEMISTRY 402. *Undergraduate Research.***

A continuation of CHE 401. Credit by arrangement.

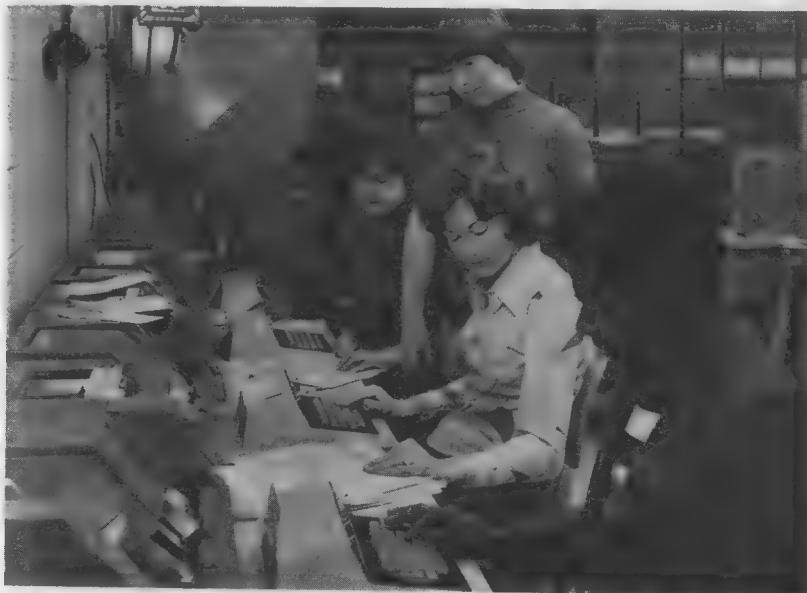
**CHEMISTRY 408. *Inorganic Preparation.***

This is an introduction to preparation and characterization of inorganic compounds. Syntheses are selected to demonstrate inorganic preparation, purification, and handling techniques. Characterization will include typical inorganic laboratory techniques (such as measurement of electronic spectra, infrared, and NMR) applied to the compounds prepared. Lecture two hours per week. Laboratory four hours per week. Prerequisite: CHE 101-102. Credit 4 hours.

## PHYSICAL SCIENCES

**SCIENCE 201-202. *Introduction to Physical Sciences.***

A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit 3 hours for each course.



## DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science offers courses in computer science leading to the Associate in Applied Science Degree—Computer Science and to the Bachelor of Science Degree—Computer Science. Courses deal with the areas of computer programming, systems analysis, information processing, and data center management. The two-year associate degree program concentrates heavily in the computer area and is highly vocationally oriented. The Bachelor of Science Degree provides a more detailed and broader background in not only computer science but other sciences and disciplines.

A minor in Computer Science is also offered, and consists of eighteen hours as follows:

COS 100	Intro to EDP	3 Hrs.
COS 101	FORTRAN I	3 Hrs.
COS 102	FORTRAN II	3 Hrs.
COS 103	RPG	3 Hrs.
COS 210	COBOL I	3 Hrs.
COS 211	COBOL II	3 Hrs.
<b>TOTAL</b>		<b>18 Hrs.</b>

## ASSOCIATE IN APPLIED SCIENCE DEGREE COMPUTER SCIENCE

The Department of Computer Science offers an associate degree in computer science for students who plan careers in data processing and related computer activities. The program may also be used as a foundation for those desiring to pursue bachelor's degrees. The objectives are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) an experience with computers through in-service training; and (4) a foundation through basic courses for further college study.

Graduates of the associate degree program are equipped with training and experience for employment as programmers and systems analysts.

To provide meaningful experiences, the University not only operates a computer center but maintains a close relationship with several local computer installations. A minimum of 65 credit hours distributed as indicated is required for the degree.

## BACHELOR OF SCIENCE DEGREE—COMPUTER SCIENCE

The Department of Computer Science provides a four-year program in computer science leading to a bachelor's degree for those students interested in securing training in the computer field with a broad background in related areas. A minimum of 134½ hours credit, distributed as indicated, is required for the degree. Students earning the associate degree in computer science may continue for the bachelor's degree by taking all of the additional courses indicated for the bachelor's degree.

## COMPUTER SCIENCE CURRICULUM ASSOCIATE DEGREE

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
COS 100—Introduction to EDP	3	COS 102—Programming II— FORTRAN	3
COS 101—Programming I— FORTRAN	3	COS 103—Programming III—RPG	3
COS 104—Applications	3	COS—Elective	3
ENG 101—English Composition	3	ENG 102—English Composition	3
MAT 101—Elem. Funct. College Algebra	3	MAT 102—Trig. Fund. & Lin. Equa.	3
	<b>15</b>		<b>15</b>

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
COS 200—System Design & Anal. I	3	COS 211—Programming V—COBOL	3
COS 210—Programming IV—COBOL	3	COS 303—Special EDP Problems	3
COS 212—Programming VI—BAL	3	COS 206—Data Center Management	3
BUA 261—Principles of Accounting	4	BUA 262—Principles of Accounting	4
Elective (advised)	3	SOC 308—Introduction to Statistics; BUA 311—Business Statistics; or EDU 440—Education Statistics	3
	<b>16</b>	Elective (Advised)	3
			<b>19</b>

Total for two years: 65 credit hours

## COMPUTER SCIENCE CURRICULUM BACHELOR'S DEGREE

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
GUI 100—Freshman Orientation	1	COS 103—Programming III—RPG	3
COS 100—Introduction to EDP	3	ENG 102—English Composition	3
ENG 101—English Composition	3	MAT 102—Trig. Funct. & Lin. Equa.	3
MAT 101—Elem. Funct. College Algebra	3	HIS 102—World Civilization	3
HIS 101—World Civilization	3	BIO 102—Life Science	3
BIO 101—Life Science	3	PHE —Activity	1
PHE —Activity	1		
	<b>17</b>		<b>16</b>

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BUA 261—Prin. of Accounting	4	SCI 201—Intro. to Physical Science	3
SOC 201—Intro. to Social Science	3	BUA 262—Principles of Accounting	4
or		SOC 202—Intro. to Social Science	3
ECO 211—Principles of Economics	3	or	
MAT 201—Plane Analytical Geometry	3	ECO 212—Principles of Economics	3
ENG 211—Intro. to Literature	3	ENG 212—Intro. to Literature	3
PHE —Activity	1	COS 102—Programming II— FORTRAN	3
PHE 221—Health & Safety Education	2	PHE —Activity	1
COS 101—Programming I— FORTRAN	3		
	<b>19</b>		<b>17</b>

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 311—Business Statistics	3	ECO 312—Business Statistics	3
PHI 210—Introduction to Logic	3	Elective (Fine Arts)	3
COS 104—Applications	3	COS 211—Programming V— COBOL	3
COS 200—Sys. Des. & Analysis I	3	COS 212—Programming VI—BAL	3
COS 210—Programming IV— COBOL	3	COS 206—Data Center Management	3
Elective (Advised)	3	Elective (Advised)	3
	<b>18</b>		<b>18</b>



## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
COS 303—Special EDP Problems I .. 3		COS 302—Operating Systems— Software .....	3
COS 301—Sys. Des. & Analysis II .. 3		COS 401—Advanced Computer Tech. 3	
BUA 361—Intermediate Accounting .. 3		BUA 362—Intermediate Accounting .. 3	
BUA 323—Principles of Management .. 3		BUA 456—Corporate Finance .....	3
or		or	
POS 321—Intro. to Pub. Admin. .... 3		POS 422—Pub. Personnel Admin. ... 3	
Elective (Advised) .....	3	Elective (Advised) .....	3
	15		15

## COURSE DESCRIPTION

**COMPUTER SCIENCE 100. *Introduction to Electronic Data Processing.***

Survey of basic computer concepts, hardware and operations; introduction of basic programming concepts and documentation standards in various languages. Credit 3 hours.

**COMPUTER SCIENCE 101. *Programming I—FORTRAN.***

Study of logic, sub-programs, and all basic statements used in writing FORTRAN IV programs with proper documentation. Credit 3 hours.

**COMPUTER SCIENCE 102. *Programming II—FORTRAN.***

Continuation of COS 101 with more advanced programming in arrays, functions, subroutines, special statistical applications, and commercial subroutine programming. Prerequisites: COS 101. Credit 3 hours.

**COMPUTER SCIENCE 103. *Programming III—Report Program Generator.***

Study of Report Program Generator (RPG) computer language, to write specifications for jobs utilizing input and output devices and proper documentation. Prerequisites: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 104. *Applications.***

Survey of types of computer uses in industry and government; developments in information systems and survey of techniques employed by management utilizing computer technology. Prerequisites: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 200. *Systems Design and Analysis I.***

Introduction to systems design and analysis techniques utilized in surveying, developing, and installing computer application systems. Documentation of entire system and practice in preparing schedule, securing approvals and system installation. Prerequisites: Consent of Instructor. Credit 3 hours.

**COMPUTER SCIENCE 206. *Data Center Management.***

Study of data center management, organization and administration policies and practices, including scheduling of work, documentation standards, computer utilization and operations. Prerequisites: Consent of Instructor. Credit 3 hours.

**COMPUTER SCIENCE 210. *Programming IV—COBOL.***

Study of basic aspects of COBOL language in which students secure experience in preparing COBOL programs. Prerequisites: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 211. *Programming V—COBOL.***

Continuation of COS 210 in which more complicated COBOL routines and techniques are introduced with more experience in preparing COBOL programs. Prerequisites: COS 100 and 210. Credit 3 hours.

**COMPUTER SCIENCE 212. *Programming VI—Basic Assembly Language.***

Study basic assembly language (BAL) in which students prepare programs using program listings and other aids and learn to use efficient coding techniques. Prerequisites: COS 100. Credit 3 hours.

**COMPUTER SCIENCE 301. *System Design and Analysis II.***

Continuation of COS 200 with emphasis on communication systems and further practice in design and analysis of more complicated systems. Prerequisites: COS 200. Credit 3 hours.

**COMPUTER SCIENCE 302. *Operating Systems-Software.***

Survey of current operating systems utilized in various types of computers, comparative analysis of operating systems, and system generation technique. Prerequisites: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 303. *Special Electronic Data Processing Problems I.***

Survey of current computer developments in hardware, software, and applications. Emphasis in selected aspects of electronic processing in which specific problems are examined in depth. Prerequisite: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 401. *Advanced Computer Techniques.***

Study of simulation, linear programming, and programming more sophisticated statistical techniques. Prerequisite: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 404. *Special Electronic Data Processing Problems II.***

Continuation of COS 303. Prerequisite: COS 303. Credit 3 hours.

**COMPUTER SCIENCE 407. *Teleprocessing-Time Sharing.***

Study of various approaches to teleprocessing and time sharing of large computer systems, practice in utilization of terminals for computer application. Prerequisite: COS 100 or consent of instructor. Credit 3 hours.

**COMPUTER SCIENCE 409. *Advanced FORTRAN techniques.***

Study of FORTRAN IV Programs in which more advanced scientific engineering, or mathematical programs are prepared. Prerequisites: COS 101 or consent of instructor. Credit 3 hours.

## DEPARTMENT OF CRIMINAL JUSTICE EDUCATION

The Department of Criminal Justice Education offers curricula leading to a four year Bachelor of Science Degree in Criminal Justice Education and a two year program leading to an Associate in Applied Science Degree in Criminal Justice Education. The philosophy and emphasis of the criminal justice curricula will be that of education-professional courses, social science, psychology, political science and general education rather than training.

The major objectives of the Department of Criminal Justice Education are:

1. To provide a professional criminal justice degree program for the betterment of the Kentucky community;
2. To bring to Kentucky State University a student body composed of students and law enforcement officers working in an academic atmosphere, in which there is a cross-fertilization of ideas encompassing both the abstract and the practical;
3. To contribute to the community, through the preparation of significant numbers of better criminal justice professionals.

The requirements for an area of concentration in Criminal Justice Education are forty-eight (48) semester hours, for the Bachelor of Science Degree, with a minimum grade of "C" in each course taken within the Department. The following Criminal Justice Education courses represent the *required* courses for an area of concentration; CJE 101—Introduction to Law Enforcement; CJE 103—Introduction to Criminal Law; CJE 203—Criminal and Courts Procedure; CJE 204—Criminal Evidence; CJE 205—Introduction to Corrections; CJE 303—Constitutional Issues in Criminal Justice; CJE 305—Criminal Justice Internship; CJE 312—Courts Administration; CJE 402—Juvenile Delinquency and the Law; CJE 404—Probation and Parole; CJE 407—Rehabilitation of Ex-Offenders; and CJE 408—Administration of Correctional Institutions.

The thirty-six (36) credits from the above listed courses are required for the Bachelor of Science Degree in Criminal Justice Education. All other Criminal Justice Education courses are electives that may be selected on the basis of the students' area of concentration. The fourth year Criminal Justice Internship (CJE 405) must be spent working in the area of specialization which the student has selected, such as law enforcement, corrections, juvenile delinquency or other criminal justice areas. The internships (CJE 305 and CJE 405) may be taken simultaneously in a summer internship.

Graduates of the Kentucky State Police Academy are not required to take the following courses: CJE 101—Introduction to Law Enforcement; CJE 103—Introduction to Criminal Law; CJE 105—Police Systems; CJE 106—Police Patrol and Services; CJE 201—Introduction to Criminalistics; or CJE 204—Criminal Evidence.

The requirements for an Associate in Applied Science Degree are thirty-three (33) semester hours of Criminal Justice Education courses with a minimum grade of "C" in each course. The following Criminal Justice Education courses are the *required* courses for the Associate Degree: CJE 101—Introduction to Law Enforcement; CJE 103—Introduction to Criminal Law; CJE 105—Police Systems; CJE 106—Police Patrol and Services; CJE 201—Introduction to Criminalistics; CJE 202—Police and Community Relations; CJE 204—Criminal Evidence; CJE 305—Criminal Justice Internship; CJE 306—Police Administration I; CJE 307—Police Administration II; and CJE 405—Criminal Justice Internship.



The requirements for a minor in Criminal Justice Education are eighteen (18) semester hours with a minimum grade of "C" in each criminal justice course. The following Criminal Justice Education courses are *required* for a minor: CJE 101—Introduction to Law Enforcement; CJE 103—Introduction to Criminal Law; CJE 203—Criminal and Courts Procedure; CJE 205—Introduction to Corrections. The remaining six (6) semester hours should be selected from the following criminal justice electives: CJE 202—Police and Community Relations; CJE 204—Criminal Evidence; CJE 303—Constitutional Issues in Criminal Justice; CJE 312—Courts Administration; or CJE 407—Rehabilitation of Ex-Offenders. The selection of any other elective must be approved by the Chairman of the Criminal Justice Education Department. Students enrolled as minors in the Department of Criminal Justice Education *may*, with approval from the Chairman of the Department of Criminal Justice, participate in the internship programs.

## CRIMINAL JUSTICE EDUCATION CURRICULUM Bachelor of Science Degree

### FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE 101—Intro. to Law Enforcement	3	CJE 103—Intro. to Criminal Law	3
ENG 101—English Comp.	3	ENG 102—English Comp.	3
BIO 101—Life Science	3	BIO 102—Life Science	3
SPAN 101—Elem. Spanish or		SPAN 102—Elem. Spanish or	
PHI 200—Intro. to Philosophy	3	PHI 210—Intro. to Logic	3
HIS 101—World Civ.	3	HIS 102—World Civ.	3
PHE —Activity	1	FIN. A.—Art, Drama & Music	3
GUI 101—Freshman Orien.	½	PHE —Activity	1
	16½		19

### SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE 203—Criminal & Courts Procedure	3	CJE 204—Criminal Evidence	3
ENG 211—Intro. to Lit.	3	SOC 202—Intro. to Social Science	3
MATH 100-1—General Math	3	CJE 205—Intro. to Corrections	3
SOC 201—Intro. to Social Science	3	POL.S 101—American Govt.	3
PHE 221—Health-Safety Ed.	2	PHE —Activity	1
PSY 200—General Psy.	3	Electives	6
PHE —Activity	1		
	18		19

### THIRD YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE 303—Constitutional Issues in Criminal Justice	3	CJE —Criminal Justice Elective	3
CJE 305—Criminal Justice Internship	3	CJE 312—Courts Administration	3
SOC 305—Contemp. Soc. Prob.	3	PHY. S. 201—Intro. to Phy. Science	3
ED. 304—Ed. for Disadvantaged	3	Electives	6
Elective	3		
	15		15

### FOURTH YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE —Criminal Justice Elective	3	CJE —Criminal Justice Elective	3
CJE 402—Juvenile Delinquency and the Law	3	CJE 404—Probation and Parole	3
CJE —Criminal Justice Elective	3	CJE 408—Adm. of Correctional Inst.	3
CJE 407—Rehabilitation of Ex-Offenders	3	PSY 400—Abnormal Psy.	3
Elective	3		
	15		12

## CRIMINAL JUSTICE EDUCATION CURRICULUM

### Associate in Applied Science Degree

#### FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE 101—Intro. to Law Enforcement ..	3	CJE 103—Intro. to Criminal Law ..	3
CJE 105—Police Systems .....	3	CJE 106—Police and Patrol Services ..	3
ENG 101—English Composition .....	3	CJE 201—Intro. to Criminalistics ..	3
PSY 200—General Psychology .....	3	ENG 102—English Composition .....	3
SCI 201—Intro. to Physical Science ..	3	SCI 202—Intro. to Physical Science ..	3
SOC 201—Intro. to Social Science ..	3	SOC 202—Intro. to Social Science ..	3
	18		18

#### SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
CJE 202—Police and Community Relations .....	3	CJE 204—Criminal Evidence .....	3
*CJE 305—Criminal Justice Internship .....	3	CJE 307—Police Admin. II .....	3
CJE 306—Police Admin. I .....	3	*CJE 405—Crim. Just. Internship ..	3
**POS 101—American Govt. or	3	**POS 102—State Government or	3
BUA 323—Prin. of Management ....	3	POS 201—Metropolitan Govmt. or	3
***SOC —Sociology Elective .....	3	BUA 333—Personnel Administration ..	3
	15	SOC 405—Social Psychology .....	3
		***SOC —Sociology Elective .....	3
			18

\*CJE 305 and CJE 405 may be taken simultaneously in a summer internship.

\*\*Students may elect government or management sequence.

\*\*\*Elect from: Introduction to Sociology, Minority Groups, Contemp. Social Problems, Soc. of Poverty, Juvenile Delinquency, Urban Sociology.

### COURSE DESCRIPTIONS

#### CJE 101. *Introduction to Law Enforcement.*

A basic introductory course dealing with agencies involved in the administration of criminal justice. This will include local, state and federal agencies, police, jails, prisons, corrections, and reformatories; courts and trials, probation and parole and some criminal justice aspect of foreign countries. The course introduces the student to the elements of major crimes, and concepts of law enforcement today. Credit 3 hours.

#### CJE 103. *Introduction to Criminal Law.*

An introductory course dealing with the development and history of criminal laws in the United States. The structure, definitions and interpretations of the most frequently used criminal statutes. This course provides an overview of the criminal process. Credit 3 hours.

#### CJE 105. *Police Systems.*

Police Systems established in America and abroad; functions and activities, divisions and subdivisions with responsibilities and functions of each. Contrasting of structures, with a view of transitions. Credit 3 hours.

#### CJE 106. *Police Patrol and Services.*

Organization, administration and supervision of patrol function. Responsibilities, techniques and methods of police and patrol. Various services and public assistance offered by police organizations. Credit 3 hours.

#### CJE 201. *Introduction to Criminalistics.*

A course designed to give the student a basic knowledge of crime scene protection, collection, preservation and identification of evidence, including proper search, dusting latent print, casting, finger print classification, and use of crime laboratory and crime detection and prosecution. Credit 3 hours.

#### CJE 202. *Police and Community Relations.*

A thorough study of the development of police relationships with community

based organizations. The police vs. citizen role, police community intervention, organization of police juvenile relationships. The establishment of a permanent police, community relations department. The community vs. police role, and of the police and correctional officers. Credit 3 hours.

#### CJE 203. *Criminal and Courts Procedure.*

A study of the nature of the judicial process: precedent and legal reasoning; decision making; the basics of criminal and civil lawsuits; the role of the lawyer, the judge, and the public; the organization of state and federal courts, the United States Supreme Court; democracy and judicial review. Credit 3 hours.

#### CJE 204. *Criminal Evidence.*

This course acquaints the student with the thorough study of the rules of evidence with specific emphasis on the application in preparing and presenting evidence. This will include a discussion of the admissibility requirements, burden of proof, testimonial privileges, hearsay evidence, and other practical considerations. Credit 3 hours.

#### CJE 205. *Introduction to Corrections.*

The purpose of this course is to acquaint the students with views of various aspects of the Corrections system and contrast them with the manner in which the system's problems confront the Criminal Justice system and the student. The course will also deal with society's agencies of social control, rehabilitation, and the problems of deviant behavior of adult criminals and juvenile delinquents. This course should be considered as an introductory overview of selected aspects of the Corrections system. It will be supplemented and most of the aspects covered here will be covered in greater detail, in other courses of the Criminal Justice Education Department. Credit 3 hours.

#### CJE 303. *Constitutional Issues in Criminal Justice.*

This course is an intensive study, analysis, and discussion of the United States Constitution and court decisions which interpret the Constitution; this includes a discussion of the history of the Constitution, the Bill of Rights, and police power. Prerequisite: CJE 203 and 204, however, these may be waived with the consent of the instructor. Credit 3 hours.

#### CJE 305. *Criminal Justice Internship.*

The internship student will work under the supervision of an in-service (law enforcement) individual or agency. [State Police—Local Police—Public Defender—Kentucky State Security (University) Criminal Justice Department, etc.] The student will be required to work the equivalent of his required class hours as an intern. The instructor will coordinate both the program of the in-service individual or agency, and the student (intern) to see that the academic requirements are met and adhered to. In-service and pre-service students may enroll for a maximum of six semester hour credit after consultation with the Chairman of the Criminal Justice Education Department. This course is restricted to Criminal Justice Education majors and minors. Credit 3 hours.

#### CJE 306. *Police Administration I.*

An examination of the principles of organization, administration and functions of police departments. An evaluation of personnel policies, divisions, operations, command policies, and evaluation of the department as a whole. Credit 3 hours.

#### CJE 307. *Police Administration II.*

A detailed study of the organization, administration and function of the police department with a consideration of the principles of organization best adapted to

ensure effective service to the community. Evaluation of line, staff, auxiliary functions, the utilization of planning, and analytic units as administrative aids. Credit 3 hours.

**CJE 312. *Courts Administration.***

This course is a comprehensive analysis of the Court System and its methods. A comparative approach is utilized to problems, procedures, and policies in the administration of the court system. Credit 3 hours.

**CJE 402. *Juvenile Delinquency and the Law.***

The course is designed to provide students with a very detailed examination of the laws that effect juvenile offenders, juvenile rights, and programs to prevent juvenile delinquency. Credit 3 hours.

**CJE 404. *Probation and Parole.***

This course will familiarize the students with the supervisory procedures used by the courts and parole boards. Emphasis will be upon the treatment and control of the offender once he has been diverted from incarceration. Pre-trial diversionary programs and other alternatives to incarceration will be considered. Credit 3 hours.

**CJE 405. *Criminal Justice Internship.***

The internship student will work under the supervision of an in-service (law enforcement) individual or agency. [State Police—Local Police—Public Defender—Kentucky State Security (University) Criminal Justice Department, etc.] The student will be required to work the equivalent of his required class hours as an intern. The instructor will coordinate both the program of the in-service individual or agency, and the student (intern) to see that the academic requirements are met and adhered to. In-service and pre-service students may enroll for a maximum of six semester hours credit after consultation with the Chairman of the Criminal Justice Education Department. This course is restricted to Criminal Justice Education majors and minors. Credit 3 hours.

**CJE 407. *Rehabilitation of Ex-offenders.***

Problems, procedures, and policies in the administration of correctional centers, administration of halfway houses; non-residential programs for probationers, parolees and drug abusers; community residences for juvenile offenders; supervision of foster care programs. Credit 3 hours.

**CJE 408. *Administration of Correctional Institutions.***

Problems procedures, and policies in the administration of correctional centers, detention centers, youth houses, and state training schools; the probation service, halfway houses and after case supervision, special institutions for delinquents and youthful narcotic addicts. Field trips to institutions where possible. Prerequisite: CJE 407, however, this may be waived with the consent of the instructor. Credit 3 hours.

**CJE 409. *Seminar in Police and Corrections Administration.***

Participation in workshops, panels, and seminars. Dialogue with National organizations and individuals to completely broaden the students criminal justice area. Career participation tests and final. Credit 3 hours.

**CJE 460. *Criminal Justice Research/Study.***

Individual research and/or reading on a problem or area within the field of Criminal Justice Education chosen by the student after consultation with the faculty member in whose area of specialization the student is interested in doing criminal justice research and/or study. Periodic reports and a final research paper are required. Credit 1-3 hours.



## DEPARTMENT OF EDUCATION—PSYCHOLOGY

The Department of Education and Psychology is a service department of Kentucky State University, and as such serves the students of the University in general, and the students in teacher education in particular, both elementary and secondary. The courses and curricula of the Department of Education and Psychology are designed for each of the following groups of students according to the objectives stated for each:

### *General student*

1. The student will better understand himself, his behavior and the behavior of others as a result of his exposure to the activities and information contained in the psychology courses.

### *Teacher Education student*

1. The student will better understand himself, his behavior and the behavior of others as a result of his exposure to the activities and information contained in the psychology and education courses.

2. The teacher education student:

- a. will acquire a knowledge of the process of human growth and development;
- b. will acquire a basic understanding of the educational process as it relates to teaching and learning in both individual and group situations;
- c. will acquire an appreciation of education as an institution in and an instrument of society;
- d. will acquire a knowledge of the requirements of the Commonwealth of Kentucky for obtaining teaching certificates for the various teaching levels in the public schools, elementary and secondary;
- e. will acquire an understanding of the organization, financial and social support, and purposes and functions of schools in a democracy, and
- f. will acquire the pedagogical skills, competencies, and abilities needed to create a climate for learning on the part of elementary and secondary school students.

## TEACHER EDUCATION COMMITTEE

The responsibility for teacher education programs at Kentucky State University rests with the Teacher Education Committee of the University. This Committee is composed of a representative from each department in the University with teaching curricula, the Chairperson of the Department of Education and Psychology, the Director of Student Laboratory Experiences, the Coordinator of Secondary Education, the Chief Librarian, three student representatives appointed by the President of the Student Government Association, and the president of the Student National Education Association.

Departments having teaching curricula:

1. Art Education
2. Biology
3. Business Education
4. Chemistry
5. Elementary Education

6. English
7. Health and Physical Education
8. History and Political Science
9. Home Economics
10. Industrial Arts Education
11. Mathematics and Physics
12. Modern Foreign Languages
13. Music Education
14. Social Science

The actions of the Teacher Education Committee in matters relating to teacher education are final. The Committee will consult with the Vice-President for Academic Affairs and the President of the University in crucial matters having a potential for unusual controversy or adverse effect on the internal or external relations of the University.

## ADMISSION TO TEACHER EDUCATION

The following requirements apply to any student who is planning to qualify to teach on the elementary or secondary level:

1. Each student is required to file with the Committee on Teacher Education an application for admission to teacher education, on the official form provided, no later than the end of the sophomore year or during the semester in which he will have earned sixty semester hours; his application must be accompanied by a personal data form, containing a small photo of himself, and an autobiographical sketch of at least two pages in his own handwriting.

The Committee on Teacher Education encourages each student to make a searching comparison of himself to the following "Image of a Prospective Teacher."

An alert, resourceful person of sound and stable character who exemplifies the following basic traits: (1) a strong desire to learn, (2) strong desire to become a good teacher, (3) faith in human beings, (4) a genuine interest in people, especially young people, (5) the ability to work well with others, (6) a saving sense of humor, (7) willingness to go beyond call of duty in hours of study and in school and community activities, and (8) willingness to be subjected to and to subject one's self to continuous critical appraisal.

2. The Committee will review each student's application and notify the applicant of the action taken.
3. Applicants who meet in full the following standards will be approved for admission to teacher education, subject to continued satisfactory progress:

Standard 1. The applicant must have a minimum of 60 semester hours of college credit or earn such by the end of the semester in which he files for admission to teacher education.

Standard 2. Applicant must have an overall point average of 2.0 or above or gain such by the end of the semester in which he makes application for admission to teacher education.



Standard 3. The applicant must have credit for English 101 and English 102 with a grade of "C" or above in each course or gain such by the end of the semester in which he makes application for admission to teacher education.

Standard 4. The applicant must have a grade of "C" or above in each course taken in the Department of Education and Psychology or gain such by the end of the semester in which he makes application for admission to teacher education.

Standard 5. The applicant must have credit for Human Growth and Development or gain such by the end of the semester in which he makes application for admission to teacher education. Classes for Human Growth and Development a to specific majors are listed as follows: Education 221, Human Growth and Development and Psy. I for Elementary Education majors; Education 222, Human Growth and Development and Psy. II for Secondary Subject majors seeking certification for grades 9-12; Education 220, Human Development and the Curriculum for majors in Music, Art, and Health and Physical Education who are seeking certification for grades K-12.

Standard 6. a. Prior to submitting an application for admittance into the Teacher Education Program, the applicant must have taken the tests provided for admittance into Teacher Education and made a score creditable enough to warrant the Teacher Education Committee's acceptance of him into the Teacher Education Program. Normally, these tests should be taken during the sophomore year.  
b. Prior to submitting an application for admittance into the Teacher Education Program, the applicant must have taken the Minnesota Multiphasic Personality Inventory.

Standard 7. The applicant must have a clearance from the Office of the Dean of Students.

Standard 8. The applicant must have the recommendation of the Department of Education.

4. Applicants may be admitted conditionally with the following minor deficiencies, subject to immediate correction and continued satisfactory progress:
  - a. An unsatisfactory autobiographical sketch.
  - b. A conditional score on the tests provided for admittance into the Teacher Education Program.
  - c. An incomplete personal data form.
5. The Committee may withdraw a student from teacher education at any time based upon one or more of the following:
  - a. Unsatisfactory academic progress.
  - b. Disciplinary action by the institution against the student because of conduct which would indicate character weaknesses of such a nature as to make him unfit for the teaching profession.
  - c. Failure to remove deficiencies which were listed at the time of conditional admission to teacher education.
6. The student may withdraw officially from the teacher education program by proper written notice to the Chairperson of the Committee.

7. An applicant who has been disapproved for admission to the teacher education program will be permitted to file a supplementary application during the first semester of the junior year, or that semester during which a total of seventy-five semester hours will have been attained, provided all deficiencies will have been removed by that time. The student will not be permitted to file a third application if rejected by the Committee a second time.
8. No student will be admitted into the program of teacher education after the first semester of the junior year. Exception to this rule will be made only for those students who transfer to Kentucky State University after earning seventy-five to ninety hours of acceptable credits elsewhere. Such students must obtain the permission of the Vice-President for Academic Affairs in order to apply. Such an applicant must meet all of the standards specified above in order to obtain Committee approval.
9. Kentucky State University, operating through the Committee, retains the right to change, modify, or add to the above requirements at any time. The student should check with the Chairperson of the Department of education concerning the most recent regulations.

#### ADMISSION TO SUPERVISED TEACHING

1. Each student who plans to qualify to teach on the elementary or secondary level is required to file with the Director of Laboratory Experiences for the Teacher Education Committee an application for supervised teaching on the proper forms together with completed personal data forms. The application for admission to supervised teaching should be made around the middle of the semester which ends the student's junior academic year, and should designate the specific nine weeks period during which he plans to do supervised teaching.
2. After review of the student's application, the Committee will notify the applicant by letter that his application for admission to supervised teaching.
  - a. has been approved, subject to completion of all prerequisites and the attainment and maintenance of the required standard for the admission at the time he is scheduled to enroll for the course in supervised teaching; or
  - b. has been disapproved with a statement of the reasons for disapproval.
3. Each applicant who meets in full or is in the process of nearing completion of the following standards will be approved for admission to supervised teaching, subject to the completion of all prerequisites and maintenance of the required standards at the time he is scheduled to enroll in the course of supervised teaching.

Standard 1. The applicant must have a minimum of 90 semester hours of college credit.

Standard 2. The applicant must have an overall point average of 2.20 or above at the time he makes application, or he must gain such by the end of the nine weeks or semester end immediately prior to his scheduled entrance into laboratory teaching.

Standard 3. The applicant must either have a 2.20 or above in his major courses at the time he makes application, or he must gain such by the end of the nine weeks or semester end immediately prior to his scheduled entrance into laboratory teaching.

Standard 4. The applicant must have a grade of "C" or above in each professional course which is a prerequisite to student teaching or gain such by the end of the nine weeks or semester end immediately prior to his scheduled entrance into laboratory teaching.

Standard 5. The applicant must have completed a course in Human Growth and Development (Education 221, 222, or 220) with a grade of "C" or above or he must gain such by the end of the semester prior to his scheduled entrance into laboratory teaching.

Standard 6. The applicant must have credit in English 211 and 212 (when 212 is also required by his discipline), Introduction to Literature, with a grade of "C" or above in each course or gain such by the end of the semester prior to his scheduled entrance into laboratory teaching.

Standard 7. The applicant must have the recommendation of his major department or gain such by the end of the nine weeks or semester end immediately prior to his scheduled entrance into laboratory teaching.

Standard 8. The applicant must have the recommendation of the Department of Education and Psychology or gain such by the end of the nine weeks or semester end immediately prior to his scheduled entrance into laboratory teaching.

Standard 9. The applicant must have clearance from the Dean of Students.

Standard 10. The applicant who is majoring in teacher education either elementary or secondary must have satisfactorily completed a ten-day Field Experience.\*

4. The student must be approved for student teaching at least by the semester prior to the one during which he hopes to teach.
5. In the event a student, who has been approved for admission to supervised teaching, does not complete all prerequisites or maintain the required standards for admission at the time he is scheduled to enroll for the course in supervised teaching, his case shall be subject to review by the Committee before he is permitted to enroll for student teaching at a later date.
6. A student will not be permitted to take other college courses during his period of student teaching. Exceptions from this standard will be considered by the Coordinator of Teacher Education and Chairman of the Department of Education and Psychology only in the most unusual cases and within the Teacher Education Committee's policies governing such circumstances.

\*At the end of the sophomore year, students who plan to do supervised teaching at either the secondary or elementary level are required to visit a school of their choice for ten full days (60 school hours) to engage in a Field Experience Program after the end of the school year. While engaged in this activity such students may not be enrolled in any course or involved in any other project. This program is administered by the Office of Student Teaching.

## CURRICULUM IN ELEMENTARY EDUCATION

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Life Science .....	3	ENG 102—Life Science .....	3
BIO 101—English Composition .....	3	BIO 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
Foreign Language Elective .....	3	Foreign Language Elective .....	3
ART 101—Art Education .....	3	ART 102—Public School Art .....	3
GUI 100—Freshman Orientation ....	1	PHE —Activity .....	1
PHE —Activity .....	1	EDU 100—Intro. to Teaching .....	1
	<hr/> 17		<hr/> 17

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature .....	3	SCI 202—Intro. to Phy. Sci. ....	3
SCI 201—Intro. to Phy. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
SCI 201—Intro. to Soc. Sci. ....	3	EDU 221—Human Dev. & Phy. I ....	3
PSY 200—General Psychology .....	3	EDU 224—Foundations of Ed. ....	3
PHE 221—Health and Safety Ed. ....	2	SOC 102—Principles of Geography ..	3
ENG 202—Children's Literature ....	3	PHE 141—Beginning Folk and	
PHE —Activity .....	1	Square Dancing .....	2
	<hr/> 17	PHE —Activity .....	1
			<hr/> 18

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 305—Fundamentals of Ele. Ed. ..	5	EDU 312—Teaching of Reading ....	3
EDU 301—Educational Psy. ....	3	EDU 314—Teaching of Soc. St. in	
MAT 103—Foundations of Math. ....	3	the Ele. School .....	3
MUS 333—Music Fundamentals .....	3	MAT 104—Foundations of Math. ....	3
SOC 305—Contemporary Soc. Prob. ..	3	MUS 334—Music for Ele. Teachers ..	3
EDU 316—Penmanship and		ENG 103—Fundamentals of Speech ..	3
Manuscript Writing ....	1	EDU 442—Educational Media Instr. ..	3
	<hr/> 18		<hr/> 18

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 401—Tests and Measurements ..	3	EDU 423—Tchg. Sci. in Elem. Sch. ..	3
EDU 313—Teaching of Lang. Arts ..	3	EDU 412—Adm. of Public Schools ..	3
MAT 314—Teacher's Arithmetic .....	3	EDU 400—Supervised Teaching .....	8
*Elective .....	3		
**Elective .....	3		
**Elective .....	3		
	<hr/> 18		<hr/> 14

\*For one elective the student is required to select one of the following: Philosophy 200, Introduction to Philosophy; Philosophy 210, Introduction to Logic; Philosophy 320, Moral Philosophy, or Economics 211, Principles of Economics.

\*\*The remaining two electives may be selected from other Education courses or courses outside the Department of Education and Psychology; however, approval for each selection as an elective must be secured from the Chairperson, Department of Education and Psychology.

### COURSE DESCRIPTION

Students are required to observe actual classroom situations in the following courses: BUE 400, BUE 402, EDU 305, EDU 212, PSY 221, PSY 222, PSY 220, EDU 410, EDU 422, EDU 423, EDU 452, MAT 314, MUS 334, (301), and MUS 332 (302).

**GUIDANCE 100. *Freshman Orientation.***

Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. Required of all Freshmen. Credit 1 hour.

**PSYCHOLOGY 200. *General Psychology.***

A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Prerequisite: Sophomore standing or permission of the Department of Education and Psychology. Credit 3 hours.

**PSYCHOLOGY 301. *Educational Psychology.***

An application of psychology to the problems of learning and teaching. Prerequisite: PSY 200. Credit 3 hours.

**PSYCHOLOGY 303. *Psychology of Personality.***

Deals with the dynamics and determinants of personality development together with a description of personality theories, the biological basis of motivation, attitudes, and values; also with the social, economic, and educational factors involved. Prerequisite: PSY 200—General Psychology. Credit 3 hours.

**PSYCHOLOGY 400 *Abnormal Psychology.***

A study of the nature and concept of abnormality, problems and schemes of classification, and the theories, symptoms, etiology and treatment of deviation behavior. Credit 3 hours. Prerequisite: Psychology 200.

**EDUCATION 293. *Pre-Student Teaching Clinical Laboratory Experience.***

A practicum designed to give potential teacher education students sustained and practical opportunities for assisting teachers in classrooms (predominantly for sophomore and junior enrollees). It is a field-based experience designed to enable the student to get a "feel" for teaching. The initial practicum experience is taken in connection with the class which represents a fusion of PSY 200, General Psychology, and SOC 201, Introduction to Sociology. Credit 2 hours.

**EDUCATION 294. *Pre-Student Teaching Clinical Laboratory Experience.***

Same as 293 except fused class is composed of EDU 220, Human Development and the Curriculum and SOC 202, Introduction to Sociology. Credit 2 hours.

**EDUCATION 295-298. Same as 293, except no fused classes. Credit 2 hours.**

**EDUCATION 305. *Fundamentals of Elementary Education.***

A basic course in the following phases of elementary education: subject curricula, teaching emphasis, methods of teaching, and lesson and unit planning; developing classroom discipline, mental hygiene, and effective study techniques; Teacher's Kentucky Register of Attendance; the use of community agencies in the improvement of teaching; and observing and working with children and youth in school and agency situations. Credit 5 hours. (Mandatory for certification of Music, Art and Health and Physical Education majors seeking K-12 certification.)

**EDUCATION 401. *Tests and Measurements.***

A survey of the psychological, statistical and ethical principles of the construction, scoring, interpretation, and use of a variety of standardized and teacher-made tests, with emphasis on achievement tests. Attention is, also, devoted to the psychometric principles of writing classroom objectives, their interrelationships to teaching, testing, and grading, and the determination of course grades. Current controversial issues in testing are also examined. Prerequisites: PSY 200, EDU 220, 221, or 222. Credit 3 hours.

**EDUCATION 402. *Classroom Guidance.***

A study of the classroom setting as a means of promoting an instructional program which will take into account sound mental health principles, basic laws and principles of learning, and respect for individual development and personality. Credit 3 hours.

**EDUCATION 403. *Philosophy of Education.***

A study which will include the meaning and scope of philosophy as it directs educational practices, consideration of contrasting educational philosophies, and conceptions of education, consideration of the nature of man, society, and the thinking process, and a consideration of aims and values as these relate to the operation of society and the individual. Credit 3 hours.

**EDUCATION 412. *Administration of the Public Schools.***

The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Prerequisite: Junior standing. Credit 3 hours.

**EDUCATION 424. *Foundations of Education.***

An intensive study of those influences—in the humanities, the natural and social sciences—which have contributed to the development of education in the U.S. and which will contribute to the solution of the issues which confront it today. Prerequisite: Senior standing and EDU 221, 222, or 220 and EDU 412. Credit 3 hours.

**EDUCATION 432. *Problems in Modern Education.***

Special projects in modern education. This course may be substituted for either of the courses in Supervised Teaching by mature students who have three or more years of teaching experience in approved elementary or secondary schools. Offered upon demand. Credit 2-8 hours.

**EDUCATION 433. *Alcoholism and Other Problems of Alcohol.***

This course is designed to present the essential concepts, theories and descriptive in inferential research findings concerning the uses and abuses of alcohol as determined by socio-cultural pattern and expectancies and physiological and psychological needs of the individual. Special emphasis is given to the psychological aspects of alcoholism; the dynamics of addiction and the social, economic, legal and physiological concern of the alcoholic and his family. A survey of theories and techniques of treatment are presented by film, case studies and classroom interviews of former alcoholics. Credit 3 hours.

**EDUCATION 434. *Drug Addiction and Other Problems of Drugs.***

A survey of the cause and effect of drug abuse and drug-related behavior as they affect both the individual and society. The topics covered are psychopharmacological, physiological, phenomenological, social, and psychological aspect of drug abuse. Special attention is given to the phenomenological aspects of drug abuse, altered states of consciousness, and ways and means of attaining altered states of consciousness with drugs and without drugs. The lectures, discussions, reading, and audio-visual aids are supplemented by interviews with former drug addicts. Credit 3 hours.

**EDUCATION 440. *Educational Statistics.***

An application of statistical and graphical methods of educational data. Prerequisite: Consent of instructor. Offered upon demand. Credit 3 hours.

**EDUCATION 442. *Educational Media Instruction.***

Improvement of teaching through educational media. Concepts, principles, and techniques for preparation and use of transparencies, displays (bulletin boards, charts and posters), flat pictures, films, slides, filmstrip, audio and video recordings, lettering, mounting techniques and equipment operation. Credit 3 hours.

**EDUCATION 450. *Methods and Materials for Video Production.***

A course which features production and utilization of television for instructional purposes both taped and in the classroom. Using one-half inch VTR format, various communicative skills of television production, planning and practices are covered. Credit 3 hours.

**ELEMENTARY EDUCATION****EDUCATION 116. *Manuscript and Penmanship Writing.***

This course is designed to acquaint prospective elementary school teachers with a form of print writing used in primary grades, and with a standard system of cursive writing used in grades 3-8, for the purpose of enabling the prospective teacher to develop writing proficiency in each suitable for instructional purposes in the school. Credit 1 hour.

**EDUCATION 205. *The Fundamentals of Kindergarten Education.***

A study of the curriculum, materials, and organization of the kindergarten. Important topics are creative experiences, parent education, understanding of families, community resources, planning and evaluation. Observation and participation with children are included. Credit 3 hours.

**EDUCATION 312. *Teaching of Reading in the Elementary School.***

This course provides elementary education majors with strategies and techniques for teaching reading to the elementary school child. Emphasis is on a mastery of the components of the reading process, teaching approaches, student assessment and evaluation, and use of materials and investigations into studies related to the teaching of reading. Observation of and participation with children are required parts of this course. Prerequisite: Education 305. Credit 3 hours.

**EDUCATION 313. *Teaching of Language Arts.***

A study of content, methods and materials for teaching the following language arts: listening, speaking, reading, and writing. Techniques of evaluation are included. Classroom observations and participation are required. Prerequisite: Education 212. Credit 3 hours.

**EDUCATION 314. *Teaching of Social Studies in the Elementary School.***

Exploration of the content of the social studies program at the elementary school level, methods of teaching, and investigations into various modern curriculum designs in social studies. Credit 3 hours.

**EDUCATION 400E. *Supervised Teaching in Elementary Schools.***

Admission to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 8 hours.

**EDUCATION 220. *Human Development and the Curriculum. (Child and Adolescent).***

A study of the principles of human growth and development from birth through adolescence, the physical and social characteristics of each developmental level, and problems of adjustment created through interaction with family, social, and school environments. Credit 3 hours.

**EDUCATION 221. *Human Development and Psychology I.—Child Psychology.***

This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the education process, and personality. Students are taught how to observe and to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life. Prerequisite: PSY 200. Credit 3 hours.

**EDUCATION 223. *The Teacher and the Growth and Development of the Pre-School Child.***

Emphasis is on the physical, emotional, mental, and psychological growth of the child under the age of six, and the kindergarten teacher's role in working with such a child. Credit 3 hours.

**EDUCATION 304. *Introduction to Teaching the Disadvantaged in the Elementary School.***

The following topics will be considered: Knowing the disadvantaged learner; understanding problems encountered in learning; techniques and strategies of educating the disadvantaged. Observations required. Credit 3 hours.

**EDUCATION 400E. *Supervised Teaching in Elementary Schools.***

Admission to qualified senior by application to Committee on Teacher Education during preceding semester. Credit 8 hours.

**EDUCATION 423. *Teaching Science in the Elementary Schools.***

A methods course designed to reflect the changes that are taking place in the world of science and to present the latest thinking and philosophy for teaching science in the elementary school. This course will help both prospective and experienced teachers to organize and conduct meaningful science learning experiences. Prerequisites: Senior standing in Elementary Education curriculum. Credit 3 hours.

**SECONDARY EDUCATION****EDUCATION 222. *Human Development and Psychology II—Adolescent Psy.***

This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the techniques of working with adolescents, study of the techniques of analyzing the needs of adolescents, and adolescents relationships with others. Prerequisite: PSY 200. Credit 3 hours.

**EDUCATION 302. *Vocational Education.***

A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky. Offered upon demand. Prerequisite: EDU 222. Credit 3 hours.

**EDUCATION 310. *Introduction to Exceptional Education.***

An introductory course which offers a compact survey of the major areas of exceptionality: children with intellectual limitations (educable and trainable mentally retarded), the intellectually superior (the gifted), behavior problems

(emotionally disturbed and socially maladjusted), speech problem cases, impaired hearing cases, impaired vision cases, and pupils with neurological and sensory physical impairment (crippled and chronic health cases). Credit 3 hour.

EDUCATION 311. *Educational Evaluation of Exceptional Children.*  
Credit 3 hours.

EDUCATION 321. *Principles of Secondary Education.*

The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Prerequisite: Junior Standing. Offered upon demand. Credit 2 hours.

EDUCATION 400-H.S. *Supervised Teaching in High School.*

Open to qualified seniors by application to Committee on Teacher Education during preceding semester. Credit 8 hour.

EDUCATION 410 *Methods of Teaching High School Subjects.*

This course is divided into sections 410 E (English), 410 HE (Home Economics), 410 IA (Industrial Arts), 410 M (Mathematics), 410 PE (Physical Education), 410 MFL (Modern Foreign Language), 410 S (Science), 410 SS (Social Science), as listed below. For each of the sections except 410 HE, the prerequisites are EDU 412, 452, consent of the major advisor and admission to Teacher Education. EDU 452 is not a prerequisite to section 410 HE (Home Economics).

EDUCATION 410-E. *Methods of Teaching English.*  
Credit 3 hours.

EDUCATION 410-HE. *Methods of Teaching Home Economics.*  
Credit 4 hour.

EDUCATION 410-IA. *Methods of Teaching Industrial Arts.*  
Credit 3 hours.

EDUCATION 410-M. *Methods of Teaching Mathematics.*  
Credit 3 hours.

EDUCATION 410-MFL. *Methods of Teaching Modern Foreign Languages.*  
Credit 3 hours.

EDUCATION 410-PE. *Methods of Teaching Physical Education.*  
Credit 3 hours.

EDUCATION 410-S. *Methods of Teaching Science.*  
Credit 3 hours.

EDUCATION 410-SS. *Methods of Teaching Social Sciences.*  
Credit 3 hours.

EDUCATION 445. *Reading Problems in the Secondary School.*

The course provides English majors with strategies and techniques for dealing with reading problems at the high school level. Components of the reading process, assessment and evaluation of reading problems and reading materials for the secondary school. Credit 3 hours.

EDUCATION 446. *Audio-Visual Education, Photography.*

A basic course in photography. Introduction and history of photography with basic techniques of developing and taking pictures. Students study composition, design, camera techniques, darkroom procedures, and actual production of photographic materials. The course is open only to sophomores, juniors and seniors. Student must own his camera. Credit 3 hours.

EDUCATION 452. *Fundamentals of Secondary Education.*

This course provides a graduated preparation for supervised teaching on the secondary level. Study and practice are provided in organizing materials for class work as the prospective student-teacher is acquainted with general methods of high school instruction. The historical, philosophical, and curricular development of the American secondary school are touched upon as they relate to modern practices. Trends of significance are looked at. Prerequisite: EDU 222 and admission to Teacher Education. Courses should be taken during the semester immediately preceding student teaching or the semester of student teaching. Credit 3 hours.

EDUCATION 460. *Introduction to Adult Basic Education.*

A survey of Adult Basic Education designed to develop a philosophy of Adult Basic Education and an understanding of the undereducated adult. Emphasis will be placed on the adult learner and his needs, individualized instruction, Adult Basic Education materials, Adult Basic Education testing, the Adult Basic Education teacher, and current opportunities in Adult Basic Education. Credit 3 hours.

EDUCATION 461. *Individualized Instruction in Adult Basic Education.*

A laboratory course designed to familiarize students with the methods used in individualizing, and how these methods can be instituted in the classroom. Students will receive practical experience in utilizing a variety of materials and approaches to individualization. Credit 3 hours.

EDUCATION 462. *Adult Education in Society.*

An overview of adult education in America including historical background, scope and nature of the field, and psychology of the adult learner with an emphasis on recent research in the area. Credit 3 hours.

## PHILOSOPHY

PHILOSOPHY 200. *Introduction to Philosophy.*

An introduction study in philosophy dealing with selected major issues as found in the writings of such representative philosophers as Plato, Descartes, Locke, Berkeley, Hume, and Kant

PHILOSOPHY 210. *Introduction to Logic.*

An introductory study of the art and science of sound reasoning, including formal and informal fallacies, deductive inference, and symbolic logic. Credit 3 hours.

PHILOSOPHY 320. *Moral Philosophy.*

An introductory study of the traditional theories of normative ethics and the recent metaethical theories, involving an examination of such concepts as good, evil, right, wrong, determinism, relativism, human freedom and moral responsibility. Credit 3 hours.



## ENGINEERING PROGRAM

The objectives of the Engineering Program are:

1. To prepare the student to enter the engineering profession in his chosen engineering discipline upon completion of the prescribed curriculum.
2. To give the student the necessary academic background for the pursuance of graduate study in a chosen engineering field.

## THE PROGRAM

The Double-Degree Engineering Program is a 5-year course of study offered jointly by Kentucky State University and the University of Kentucky. In this program, the student attends Kentucky State University for three years of study in a pre-engineering course of his or her choice. The student then transfers to the University of Kentucky for two additional years of work. After the first year at the University of Kentucky the degree of Bachelor of Science in Mathematics-Physics is awarded from Kentucky State University. The Bachelor of Science Degree is awarded by University of Kentucky in the student's chosen field of engineering upon completion of the second year of study at this institution.

The outlined programs of study list the courses required of a student at both institutions as they vary for the various fields of engineering. The program for the first year of study at Kentucky State University is common for all degree programs. The second and third year programs at Kentucky State University vary with the student's choice of engineering field.

The outlined fourth and fifth years are on the Lexington campus of the University of Kentucky, and each curriculum is almost totally different from all other curricula.

Descriptions of the courses presented here are given in the catalogue of the appropriate institution.

## FIRST YEAR CURRICULUM

(Common to all fields of engineering)

Work to be completed at Kentucky State University.

The first two semesters at Kentucky State University are the same for all engineering degree programs.

### FIRST YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 101—General Chemistry .....	4	CHE 102—General Chemistry .....	4
GUI 100—Freshman Orient. ....	1	ENG 102—Eng. Composition .....	3
ENG 101—Eng. Comp. ....	3	HIS 102—World Civilization .....	3
HIS 101—World Civilization .....	3	MAT 102—Trig. Func. & Lin. ....	3
MAT 101—Elem. Functions .....	3	Equations .....	3
PHE —Activity .....	1	PHE —Activity .....	1
PSY 200—General Psychology .....	3	POS 101—American Government ...	3
	18		17

The program for the second and third years will vary slightly as determined by degree requirements of the engineering department in which the student wishes to major. Consequently, the remaining two years of study at Kentucky State University and the two years of study at the University of Kentucky are shown for each department.

## AGRICULTURAL ENGINEERING

Work to be completed at Kentucky State University.

### SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
ECO 211—Principles of Economics I. .	3	ECO 212—Principles of Economics II .	3
MAT 201—Plane Anal. Geometry ...	3	*Fine Arts Elective .....	3
MAT 203—Calculus .....	3	MAT 204—Calculus .....	3
PHY 211—General Physics .....	4	PHY 212—General Physics .....	4
	17		17

### THIRD YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PHY 312—Statics .....	3	MAT 307—Linear Algebra .....	3
INE 101—Drafting Fundamentals I . .	3	PHY 303—Electricity & Magnetism . .	3
MAT 303—Diff. Equations .....	3	ENG 211—Intro. to Literature .....	3
PHY 311—Physics .....	3	PHY 320—Thermodynamics I .....	3
COS 101—Programming I— FORTRAN .....	3	COS 102—Programming II— FORTRAN .....	3
	15		15

Work to be completed at the University of Kentucky.

### FOURTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
AEN 405—Prop. of Soils & Biological Materials ....	3	AEN 406—Environment for Plants & Animals .....	3
AGR 366—Fundamentals of Soil Science .....	4	EE —Electric & Electronic Circuits .....	3
EE 305—Electric Circuits & Machinery .....	3	EM 313—Dynamics .....	3
EM 302—Mechanics of Deformable Solids .....	3	ME 330—Fluid Mechanics .....	3
	13		12

### FIFTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
AEN 007—The Engineering Profession 0		AEN 427—Func. Design in Agr. Structures .....	3
AEN 417—Energy Source & Machinery for Agr. ....	3	AEN 447—Agr. Processing & Electrification .....	3
AEN 437—Design of System for Soil & Water Mang. ....	4	AEN 505—Engineering Analysis ....	3
AEN —Technical Elective .....	3	Elective .....	3
Elective .....	3		
	13		12

\*Choose from: ART 130—Art Appreciation Orientation or MUS 221 or 222—Music Appreciation.

## CHEMICAL ENGINEERING

Work to be completed at Kentucky State University.

## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
CHE 201—Organic Chemistry .....	4	CHE 202—Organic Chemistry .....	4
ECO 211—Principles of Economics I. 3		ECO 212—Principles of Economics II 3	
MAT 201—Plane Anal. Geometry .... 3		ENG 211—Introduction to Literature . 3	
MAT 203—Calculus .....	3	MAT 204—Calculus .....	3
PHY 211—General Physics .....	4	PHY 212—General Physics .....	4
	17		17

## THIRD YEAR

Fall Semester	Hours	Spring Semester	Hours
CHE 305—Physical Chemistry .....	4	Elective .....	3
COS 101—Programming I— FORTRAN .....	3	CHE 306—Physical Chemistry .....	4
PHY 312—Statics .....	3	MAT 307—Linear Algebra .....	3
MAT 303—Diff. Equations .....	3	PHY 303—Electricity & Magnetism . 3	
PHY 311—Physics .....	3	*Fine Arts Elective .....	3
	16		16

Work to be completed at the University of Kentucky.

## FOURTH YEAR

Fall Semester	Hours	Spring Semester	Hours
CME 200—Process Principles .....	3	CME 006—The Engineering Profession 0	
CME 462—Process Control .....	3	CME 200—Engineering Thermo- dynamics .....	3
ME 330—Fluid Mechanic .....	3	CME 422—Mass Transfer Process .... 3	
Math Elective (Engr. Statistics) .....	3	ME 325—Elements of Heat Transfer 3	
	12	MET 301—Materials Science .....	3
			12

## FIFTH YEAR

Fall Semester	Hours	Spring Semester	Hours
CME 007—The Engineering Profession 0		CME 008—The Engineering Profession 0	
CME 412—Staged Mass Transfer Process .....	2	CME 432—Chemical Engineering Lab II .....	2
CME 430—Advanced Problems in Chem. Engr. ....	2	EE 305—Electrical Circuits & Machinery .....	3
CME 431—Chemical Engineering Lab I 2		CME —Chem. Engr. Elective .... 3	
CME 455—Chem. Engr. ....	4	Elective .....	3
CME 550—Chemical Reactor Design . 3		Elective .....	3
	11		14

\*Choose from: ART 130—Art Appreciation Orientation or MUS 221 or 222—Music Appreciation.

## CIVIL ENGINEERING

Work to be completed at Kentucky State University.

## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
ECO 211—Principles of Economics I. 3		ECO 212—Principles of Economics II 3	
MAT 201—Plane Anal. Geometry .... 3		*Fine Arts Elective .....	3
MAT 203—Calculus .....	3	MAT 204—Calculus .....	3
PHY 211—General Physics .....	4	PHY 212—General Physics .....	4
INE 101—Drafting Fundamentals ... 3		INE 104—Descriptive Geometry .... 3	
	16		16

## THIRD YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 211—Intro. to Literature .....	3	MAT 307—Linear Algebra .....	3
MAT 303—Diff. Equations .....	3	PHY 303—Electricity & Magnetism .. 3	
PHY 311—Physics .....	3	Elective .....	3
PHY 312—Statics .....	3	PHY 320—Thermodynamics I .....	3
COS 101—Programming I— FORTRAN .....	3	COS 102—Programming II— FORTRAN .....	3
	15		15

Work to be completed at the University of Kentucky.

## FOURTH YEAR

Fall Semester	Hours	Spring Semester	Hours
CE 100—Plane Surveying .....	3	CE 340—Transportation Engineering I .....	3
EM 302—Mechanics of Deformable Solids .....	3	CE 380—Structural Mechanics I .. 3	
EM 303—Strength of Materials Lab. 1		CE 425—Soil Mechanics .....	3
GLY 240—Elementary Geology Engr. 4		EM 313—Dynamics .....	3
	11	MET 301—Materials Science .....	3
			15

SUMMER SCHOOL INTERSESSION (4 WEEKS):

CE 215—Route, Control & Topographic Surveying  $\frac{4}{4}$ 

## FIFTH YEAR

Fall Semester	Hours	Spring Semester	Hours
CE 301—Civil Engr. Materials I ... 2		CE 371—Seminar .....	1
CE 351—Hydraulics Lab .....	1	EE 305—Electric Circuits & Machinery .....	3
CE 355—Water Quality Engineering. 3		CE —Civil Engr. Elective .... 3	
CE —Civil Engr. Elective .... 3		CE —Civil Engr. Elective .... 3	
CE —Civil Engr. Elective .... 3		CE —Engineering Design Elective 3	
	12		13

\*Choose from: ART 130—Art Appreciation Orientation or MUS 221 or 222—Music Appreciation.

## ELECTRICAL ENGINEERING

Work to be completed at Kentucky State University.

## SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Principles of Economics I .. 3		ECO 212—Principles of Economics II 3	
MAT 201—Plane Anal. Geometry .... 3		*Fine Arts Elective ..... 3	
MAT 203—Calculus ..... 3		MAT 204—Calculus ..... 3	
PHY 211—General Physics ..... 4		PHY 212—General Physics ..... 4	
ENG 211—Intro. to Literature ..... 3		Elective ..... 3	
	16		16

## THIRD YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
INE 101—Drafting Fundamentals I .. 3		MAT 307—Linear Algebra ..... 3	
MAT 303—Diff. Equations ..... 3		PHY 303—Electricity & Magnetism .. 3	
PHY 311—Physics ..... 3		PHY 312—Statics ..... 3	
Elective ..... 3		PHY 320—Thermodynamics I ..... 3	
COS 101—Programming I— FORTRAN ..... 3		COS 102—Programming II— FORTRAN ..... 3	
	15		15

Work to be completed at the University of Kentucky.

## FOURTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EE 211—Circuits I ..... 3		EE 221—Circuits II ..... 3	
EE 467—Electrics & Magnetic Fields 3		EE 222—Electrical Engr. Lab. I .. 2	
EM 313—Dynamics ..... 3		EE 371—Seminar ..... 1	
MET 412—Electronic Properties of Materials ..... 3		EE 420—Engineering Analysis I .... 3	
	12	EE —Technical Elective ..... 3	
			12

## FIFTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EE 415—Electromechanics I ..... 3		EE 372—Seminar ..... 1	
EE 416—Electrical Engr. Lab. III.. 2		EE 468—Fields & Waves ..... 3	
EE 435—Circuits III ..... 3		EE 471—Electrical Controls I .... 3	
EE 461—Electronic Circuits I ..... 3		EE —Lab Elective ..... 2 or 3	
EE 462—Electrical Engr. Lab. II .. 2		EE —Technical Elective ..... 3	
EE —Technical Elective ..... 3		EE —Technical Elective ..... 3	
	16		15-16

\*Choose from: ART 130—Art Appreciation Orientation or MUS 221 or 222—Music Appreciation.

## MECHANICAL ENGINEERING

Work to be completed at Kentucky State University.

## SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Principle of Economics I.. 3		ECO 212—Principles of Economics II 3	
MAT 201—Plane Anal. Geometry .... 3		*Fine Arts Elective ..... 3	
MAT 203—Calculus ..... 3		MAT 204—Calculus ..... 3	
PHY 211—General Physics ..... 4		PHY 212—General Physics ..... 4	
ENG 211—Intro. to Literature ..... 3		Elective ..... 3	
	16		16

## THIRD YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
INE 101—Drafting Fundamentals I .. 3		MAT 307—Linear Algebra ..... 3	
MAT 303—Diff. Equations ..... 3		PHY 303—Electricity & Magnetism .. 3	
PHY 311—Physics ..... 3		PHY 312—Statics ..... 3	
COS 101—Programming I— FORTRAN ..... 3		PHY 320—Thermodynamics I ..... 3	
Elective ..... 3		COS 102—Programming II— FORTRAN ..... 3	
	15		15

Work to be completed at the University of Kentucky.

## FOURTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EE 305—Electric Circuits & Machines ..... 3		EM 302—Mechanics of Deformable Solids ..... 3	
ME 105—Manufacturing Engineering. 3		EM 313—Dynamics ..... 3	
ME 330—Fluid Mechanics ..... 3		ME 310—Engineering Experimentation I ..... 3	
MET 301—Materials Science ..... 3		ME 321—Engineering Thermodynamics II ..... 3	
	12		12

## FIFTH YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EE 306—Electrical & Electronic Circuits ..... 3		ME 008—The Engineering Profession 0	
ME 007—The Engineering Profession 0		ME 312—Engineering Experimentation II ..... 3	
ME 311—Engineering Experimentation II ..... 3		ME 343—Control Theory ..... 3	
ME 325—Elements of Heat Transfer 3		ME 371—Seminar ..... 1	
ME 344—Mechanical Design ..... 3		ME —Technical Elective ..... 3	
ME —Technical Elective ..... 3		ME —Technical Elective ..... 3	
	15		13

\*Choose from ART 130—Art Appreciation Orientation or MUS 221 or 222—Music Appreciation.

## METALLURGICAL ENGINEERING

Work to be completed at Kentucky State University is the same as that for Chemical Engineering.

The Department of Metallurgical Engineering at the University of Kentucky is in the process of revising its program, and at this time, pending approval of some new courses and some title and number changes of existing courses, no outline of the courses to be taken on the University of Kentucky campus is presented.

When the outline is available, the prospective student will find that the magnitude and pattern of the program in the final two years will be quite similar to the other department programs shown herein.

## DEPARTMENT OF ENGLISH OBJECTIVES

The objectives of the Department are:

1. To equip all students with proficiency in the fundamentals of written and spoken English and with appreciation for the power and beauty of creative literature.
2. To foster inter-departmental cooperation in a continuing program for the cultivation of good language habits among students.
3. To train prospective teachers of English and to inculcate in them a curiosity about the problems of the profession and an interest in the journals that treat these problems.
4. To help students majoring in English to lay a foundation for advanced study.

## MAJOR PROGRAM

English majors must complete a minimum of 24 hours in English above the sophomore level, including English 322, 323, 324, and 411, as well as 9 hours of electives in 300- or 400-level English courses. English 410-E is required only of students who plan to enroll in the Teacher Education program. Another advanced course in English may be substituted for it. The course in English Methods (Education 410-E) does not count toward the major in English; nor does Children's Literature (English 202). Education 445 is also required.

Students who have earned less than *C* in two English courses below the junior level will not be permitted to major or minor in English, and each student must have the approval of the Chairman of the English Department before entering upon his studies as an English major or minor.

All students are required to earn *C* or above in English 100, 101, and 102. English majors and minors must earn *C* or above in all English courses.

## MINOR PROGRAM

A minor program in English consists of the following courses above the freshman level: English 211, 212, 213, 322 (or 323), 324, 410, 411, and a three-hour elective in a 300- or 400-level English course.

## READING CLINIC

Reading is required of incoming freshmen whose performance on the Reading Test given during Freshman Week warrants supplementary reading instruction. Comprehension, rate, vocabulary and study skills studied in depth. Small group instruction and highly individualized attention are provided for the students' self-improvement.

## MINOR PROGRAM IN SPEECH AND THEATRE ARTS

A minor program in Speech and Theatre Arts consists of 24 hours of course work in the area of Speech and Theatre and participation in Little Theatre

productions. According to his specific needs, the student may elect to concentrate in either the area of Speech or the area of Theatre Arts and will be expected to follow the prescribed course outline established for him by the Speech and Theatre Advisory Committee.

A student must have the approval of the Speech and Theatre Advisory Committee before entering the minor program in Speech and Theatre Arts.

At the present time, students with a major in English cannot minor in Speech and Theatre Arts.

## CURRICULUM IN ENGLISH

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Comp. ....	3	ENG 102—English Comp. ....	3
BIO 101—Life Science ....	3	BIO 102—Life Science ....	3
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
Foreign Language Elective ....	3	Foreign Language Elective ....	3
PHE —Activity ....	1	PHE —Activity ....	1
GUI 100—Freshman Orientation ....	1	General Elective ....	3
General Elective ....	3		
	17		16

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature ....	3	ENG 212—Intro. to Literature ....	3
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
SCI 201—Intro. to Phys. Sci. ....	3	EDU 222—Human Develop. & Psy. II	3
MAT 100—Fundamentals of Math ....	3	PHE 221—Health and Safety ....	2
PSY 200—General Psychology ....	3	Elective in fine arts (music, art, or drama) ....	3
PHE —Activity ....	1	PHE —Activity ....	1
ENG 201—Public Speaking ....	3	ENG 213—Adv. Composition ....	3
	19		18

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 445—Teaching of Reading ....	3	ENG 323—English Lit. from Johnson	3
ENG 322—Foundation of English Literature ....	3	EDU 452—Fund. of Secondary Ed. ..	3
ENG 324—Survey of Amer. Lit. ....	3	*SOC 305—Contemp. Soc. Prob. ....	3
*ECO 211—Prin. of Economics ....	3	ENG 325—Survey of Amer. Lit. ....	3
Elective in 2nd Major or Minor ....	6	Elective in English for Majors ....	3
Elective in Physical Activity ....	1	Elective in 2nd Major or Minor ....	3
	19		18

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 411—Shakespeare ....	3	**EDU 410E—Meth. of Tchg. Eng. ...	3
ENG 410—Linguistics and Adv. American Grammar ....	3	**EDU 412—Adm. of Pub. Schools ...	3
*PHI 200—Intro. to Philosophy ....	3	Elective ....	3
Elective in English for Majors ....	3	**EDU 400—Supervised Teaching ....	8
Elective in 2nd Major or Minor ....	6		
	18		17

\* See advisor for names of other courses that may be substituted for Principles of Economics, Contemporary Social Problems, and Introduction to Philosophy.  
 \*\* Required only of persons registered in the Teacher Education Program.

## COURSE DESCRIPTION

### ENGLISH 100. *Fundamentals of English.*

Required of all Freshmen whose scores on the English Placement Test do not warrant registration in ENG 101. An effort to get at the fundamentals of language through careful listening, speaking, and writing. Credit 3 hours.

### ENGLISH 101. *English Composition and Rhetoric.*

Required of all students who have earned acceptable marks on the English Placement Test. Emphasis is placed on command of the fundamentals of language that will be adequate for the writing of clear and effective sentences and paragraph in standard English. Prerequisite: a passing grade on the English Placement Test or in ENG 100. Credit 3 hours.

### ENGLISH 102. *English Composition and Rhetoric.*

Continuation of ENG 101, with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper. Prerequisite: ENG 101. Credit 3 hours.

### ENGLISH 103. *Fundamentals of Speech.*

A beginning course designed for students who plan to pursue advanced work in speech and drama or for others who desire a general introduction to the vital role of spoken communication. The utilitarian character of speech is emphasized, along with competence in everyday discourse. Can be substituted for ENG 201, Public Speaking. Credit 3 hours.

### ENGLISH 104. *College Study Strategies.*

Required of incoming freshmen whose performance on the Reading Test given during Freshman Week warrants reading instruction. Comprehension, rate, vocabulary and study skills studied in depth. Credit 1 hour.

### ENGLISH 201. *Public Speaking.*

A course open to students who desire improvement in techniques for effective speaking in public. Concentration on composition of specific types of public speeches and practice in delivery. Prerequisites: ENG 101 and 102. Credit 2 hours.

### ENGLISH 202. *Children's Literature.*

A study of the literature which is especially suitable for use in the elementary grades. Emphasis upon techniques of presenting this literature to young children. Prerequisites: ENG 101 and 102. This course does not count toward a major or minor in English. Credit 3 hours.

### ENGLISH 203. *Creative Writing.*

Laboratory course for students who have demonstrated some creative writing talent and wish to develop individual interests and creative capacities. Short story, poetry, and the formal essay, and student writings will be read and criticized informally by members of the class. One hour weekly devoted to lecture and discussion; two hours weekly, to laboratory work. Prerequisites: English 101 and 102. Credit 3 hours.

### ENGLISH 206. *Voice and Phonetics.*

A basic course offered to acquaint the student with the social, physiological, psychological, physical, phonetic, and linguistic bases of speech as they apply to any and all areas of oral communication. No attempt is made to emphasize any

particular sphere such as Public Speaking, Interpretation, Drama, Debate, etc., but exposure to all forms of oral communications is attempted, and ample exercises are provided to test the student's skills in these various areas. Credit 3 hours.

### ENGLISH 211. *Introduction to Literature.*

An introduction to the understanding and enjoyment of the types of literature: fiction, drama, poetry, essays. Prerequisites: ENG 101, 102. Required of all Sophomores. Credit 3 hours.

### ENGLISH 212. *Introduction to Literature.*

Continuation of ENG 211, with increased emphasis upon the reading of certain book-length masterpieces that are representative of the types studied in the preceding course. Prerequisites: ENG 101, 102, and 211. Required of all Sophomores. Credit 3 hours.

### ENGLISH 213. *Advanced Composition.*

Practice in exposition, description, narration, and argumentation. Emphasis on content, organization, grammatical usage, mechanical correctness, paragraph development, sentence effectiveness, style, and critical analysis. Prerequisites: English 101 and 102. Required of all English majors and English minors. Credit 3 hours.

### ENGLISH 301. *Romanticism.*

The principles and ideas of Romanticism as expressed in the chief English writers of poetry and prose from 1798 to 1832. Prerequisites: ENG 211 and 212. Credit 3 hours.

### ENGLISH 303. *Victorian Literature.*

The works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period. Prerequisite: ENG 211 and 212. Credit 3 hours.

### ENGLISH 304. *Problems of Voice Training.*

Designed to teach students how to detect and eliminate functional defects in speech and voice and to become aware of such handicaps in the speech of other people. Intensive drills and emphasis upon the formulation of corrective procedures. Prerequisites: ENG 101 and 102. Credit 2 hours.

### ENGLISH 305. *Introduction to the Theatre.*

This course aims to expose the beginning student to the principal areas which comprise theatre study, from dramatic structure and criticism to practical production techniques. Background for students expecting to continue their studies in the theatre and for others wishing to broaden their education in the humanities. Prerequisite: ENG 211. Credit 3 hours.

### ENGLISH 307. *Modern Drama.*

An analytical study of dramatic literature beginning with Ibsen and continuing through contemporary play forms. Designed to give the student an understanding of the evolution of play structure as it occurs in representative plays of the major contributing playwrights within this period. Prerequisite: ENG 211. Credit 3 hours.

### ENGLISH 313. *Milton.*

A study of Milton's principal poetical works and a few selections from his prose. Offered in alternate years. Prerequisites: ENG 211 and 212. Credit 3 hours.



**ENGLISH 321. *Public Discussion and Debate.***

Designed to provide experience in the techniques of argument and discussion. Offered in alternate years. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 322. *The Foundations of English Literature.***

Major works by British authors from the Old English Period to the Age of Johnson and a consideration of the critical, intellectual, and historical background of each literary period included. Prerequisites: ENG 211 and 212. Required of all students majoring in English. Credit 3 hours.

**ENGLISH 324. *Survey of American Literature, I.***

A chronological study of the major American writers, with due emphasis upon political, social, and literary movements and tendencies. Prerequisites: English 211 and 212. Required of all students majoring in English. Credit 3 hours.

**ENGLISH 325. *Survey of American Literature, II.***

A study of modern American writers, with due emphasis upon political, social, and literary movements and tendencies. Prerequisites: English 211, 212, and 324. Required of all students majoring in English. Credit 3 hours.

**ENGLISH 337. *The American Novel.***

The study of a few representative novels by American writers from the time of Cooper to the contemporary period. Prerequisites: English 211 and 212. Credit 3 hours.

**ENGLISH 354. *The Black Man in American Drama and Theatre, from 1945 to the Present.***

A continuation of ENG 353, with increased emphasis upon the contribution of the black playwright, from 1945 to the present. Credit 3 hours.

**ENGLISH 401. *Seminar in Speech and Theatre.***

Designed to encourage independent reading and research in specifics in speech, theatre, and dramatic literature. The student will be credited with from 2-4 hours, depending upon the extent of assigned work. Prerequisite: Consent of instructor. Credit 2-4 hours.

**ENGLISH 407. *Baldwin, Ellison, and Wright.***

An examination of the major themes that occur and recur in the principal works of Baldwin, Ellison, and Wright. Particular attention to *Native Son*, *Black Boy*, *Go Tell It on the Mountain*, *Another Country*, *Blues for Mister Charlie*, *If Beale Street Could Talk*, and *Invisible Man*. Prerequisites: English 211 and 212. Credit 3 hours.

**ENGLISH 409. *Literature of the American Negro.***

A consideration of some of the principal essays, poems, plays, short stories, and novels written by American Negroes from Phillis Wheatley to James Baldwin. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 410. *Linguistics and Advanced American Grammar.***

A study of the growth of English grammar in America, with emphasis upon its linguistic structure and historical changes, and with some emphasis on linguistics field work, comparison of languages, and investigation of English as a second language. Required of all English majors. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 411. *Shakespeare.***

Analytic study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background. Required of all students majoring or minoring in English. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 412. *History of the English Language.***

The major facts concerning the place of English among the languages of the world and the history of its development from the beginning to the present time. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 413. *Literary Criticism.***

Critical positions and techniques of selected major critics studied; experience in application of principles and techniques of criticism to texts, representing major literary genres. Offered in alternate years. Prerequisites: ENG 211 and 212. Credit 3 hours.

**ENGLISH 417. *William Faulkner.***

Extensive readings in the principal works of Faulkner, with particular attention to *Sartoris*, *Light in August*, *The Unvanquished*, *Intruder in the Dust*, *Go Down, Moses*, *As I Lay Dying*, *The Reivers*, *The Sound and The Fury*, and *Absalom, Absalom!* Prerequisites: English 211 and 212. Credit 3 hours.

**ENGLISH 421. *Play Directing.***

Study and practice in the theory and problems of stage directing. Prerequisite: ENG 331 or 342. Offered in alternate years. Credit 3 hours.

**ENGLISH 432. *History of the Theatre.***

Designed to give the student a knowledge of dramatic history in relation to the problems of staging, of the physical theatre and of some phases of written drama. Offered in alternate years. Prerequisites: ENG 211 and 212. Credit 3 hours.

## DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, and to direct recreational programs in public and private agencies and institutions.
2. To provide training for future use by those who plan to pursue careers in Physical Medicine, such as Physical Therapy, Corrective Therapy, Recreational Therapy, and Occupational Therapy.
3. To provide a sound foundation for graduate study in Health and Physical Education.

## PROFESSIONAL HEALTH, PHYSICAL EDUCATION, AND RECREATION

### General Information

Students selecting a major in these areas generally do so because they expect to enter these fields as teachers or coaches. Students are enrolled from widely differing backgrounds outside of Kentucky and inside Kentucky. Such differing backgrounds, individual needs and future outlooks demand that a varying extent of opportunities for concentration in major fields and minor fields be offered. Three varieties of curricular approaches are offered to the student.

All students who pursue the 30-hour major will receive the teaching certificate. These students must meet the requirements of the Teacher Education Program. Students who desire the Elementary Physical Education Endorsement (Certificate K-12) must meet additional requirements for certification. Non-teaching majors must meet the same major

requirements of 30 hours, and an additional requirement of 10 hours of professional electives. The ten hours of electives should be based on the student's specific interests and needs.

It is important that majors maintain close consultation with the Department Chairman and advisors at all times. Major in Physical Education requires a minor from any area offering minors in the University curriculum including Health Education, which is a 21-hour minor.

### REGULATIONS FOR UNIFORMS

Students enrolled in required physical education activity courses are required to provide themselves with clothing listed below. This apparel may be secured at the University Bookstore. All majors in Physical Education are required to purchase regulation uniforms and equipment as designated by the Department of Health and Physical Education.

**MEN:** One white "T" shirt, one pair of green shorts, athletic socks, one pair of gymnasium shoes, one pair of swimming trunks, one pair of locker room sandals, one athletic supporter, and tennis racquet.

**WOMEN:** One regulation gymnasium suit, athletic socks, one pair of gymnasium shoes, one swimming suit, one pair of locker room sandals, one swimming cap and a tennis racquet. Modern Dance 213 and 214—Black leotards and black tights.

### INTRAMURALS

The Physical Education Department conducts a program of intramural sports for both men and women students. Opportunities are provided for all students to have the experience of participation in competitive sports and recreational activities.

### REQUIRED PHYSICAL EDUCATION

The requirement for all non-physical education major students is two years (4 credit hours) of successful completion of physical education activities. This requirement may be satisfied by passing any of the courses in the required activity program that will total up to four semesters. Those of exceptional skill as shown by scoring high in skill tests may be granted permission by the department to satisfy this requirement by participation in specified intramural activities.

The required program aims to teach a variety of useful recreational skills for leisure time use. The aim also is to develop a desire in the student to maintain a high fitness level through well-regulated physical activity.

#### 1st Semester

PHE 100 —Golf  
PHE 101-1—Team Sports  
PHE 101-2—Volleyball  
PHE 109 —Beginning Swimming  
PHE 110 —Touch Football, Net Games  
PHE 114-1—Net Games

PHE 115-1—Body Conditioning and Karate  
PHE 201-1—Tennis  
PHE 201-2—Net Games  
PHE 240 —Advanced Swimming  
PHE 216-1—Gymnastics  
PHE 351-1—Life Saving and Water Safety

#### 2nd Semester

PHE 100 —Golf  
PHE 102 —Team Sports  
PHE 109 —Team Sports  
PHE 116 —Net Games  
PHE 118 —Body Conditioning  
PHE 202-1—Net Games  
PHE 202-2—Team and Individual Sports  
PHE 216-1—Gymnastics  
PHE 218-1—Body Conditioning and Weight Training  
PHE 240-1—Advanced Swimming  
PHE 352 —Water Safety Leadership

### TEACHING MAJOR IN PHYSICAL EDUCATION

#### (Secondary)

A. General Education Requirements .....	50 Sem. Hrs.
1. <i>Communications and Humanities</i> .....	18 Sem. Hrs.
English Composition (ENG 101, 102) .....	6 Sem. Hrs.
Literature (ENG 211) .....	3 Sem. Hrs.
Fundamentals of Speech (ENG 103) .....	3 Sem. Hrs.
Fine Arts (music, art, or drama) .....	3 Sem. Hrs.
Selected from literature, journalism, foreign language, philosophy .....	3 Sem. Hrs.
2. <i>Mathematics and Natural Science</i> .....	14 Sem. Hrs.
Life Science (BIO 103, 104) .....	8 Sem. Hrs.
Physical Science (PHS 201) .....	3 Sem. Hrs.
Mathematics (MAT 100 or 101) .....	3 Sem. Hrs.
3. <i>Social Science</i> .....	12 Sem. Hrs.
World Civilization (HIS 101, 102) .....	6 Sem. Hrs.
Introduction to Social Science (SOC 201, 202) .....	6 Sem. Hrs.
4. <i>Health and Physical Education</i> .....	6 Sem. Hrs.
Activity (PHE 103, 104, 203, 204) .....	4 Sem. Hrs.
Health and Safety Education (HED 221) .....	2 Sem. Hrs.
B. Major Requirements .....	30 Sem. Hrs.
Beginning or Advanced Swimming (PHE 105 or 232) ....	1 Sem. Hrs.
Introduction to Physical Education (PHE 111) .....	2 Sem. Hrs.
Rhythmic Activities for Elementary Schools (PHE 141, 142) .....	4 Sem. Hrs.
Team Handball—Power Volleyball (PHE 205) .....	1 Sem. Hrs.
Gymnastics (PHE 206) .....	1 Sem. Hrs.
Soccer—Track and Field (PHE 207) .....	1 Sem. Hrs.
Golf, Field Hockey, Wrestling (PHE 208) .....	1 Sem. Hrs.

Modern Dance (Women) (PHE 213, 214).....	2 Sem. Hrs.
Adaptive Physical Education (PHE 221) .....	2 Sem. Hrs.
Coaching Techniques (Men) (PHE 303, 304, 403 or 404) .....	2 Sem. Hrs.
History and Principles of Physical Education (PHE 323) .....	3 Sem. Hrs.
Kinesiology (PHE 331) .....	3 Sem. Hrs.
Organization and Administration of Playgrounds and Recreation (PHE 343) .....	3 Sem. Hrs.
Tests and Measurements in Health and Physical Education (PHE 401) .....	3 Sem. Hrs.
Organization and Administration of Health and Physical Education (PHE 421) .....	3 Sem. Hrs.
C. Other Courses Required .....	31 Sem. Hrs.
Anatomy and Physiology (BIO 107, 108) .....	6 Sem. Hrs.
First Aid and Personal Safety (HED 107) .....	2 Sem. Hrs.
General Psychology (PSY 200) .....	3 Sem. Hrs.
Human Development and the Curriculum (EDU 220) ..	3 Sem. Hrs.
Fundamentals of Secondary Education (EDU 452) .....	3 Sem. Hrs.
Methods of Teaching Physical Education (EDU 410) .....	3 Sem. Hrs.
Supervised Teaching (EDU 400) .....	8 Sem. Hrs.
Administration of Public Schools (EDU 412) .....	3 Sem. Hrs.
D. Minor Requirements .....	18-21 Sem. Hrs.
	129-132 Sem. Hrs.

### TEACHING MAJOR IN PHYSICAL EDUCATION WITH ELEMENTARY SCHOOL PHYSICAL EDUCATION ENDORSEMENT

A. General Education Requirements .....	50 Sem. Hrs.
Same as for Secondary Teaching Majors .....	
B. Major Requirements .....	34 Sem. Hrs.
Same as for Secondary Teaching Majors with the following exceptions:	
1. In lieu of PHE 343	
Elementary Physical Education .....	3 Sem. Hrs.
Skills and Games Theory (PHE 359) .....	
2. Practicum in Elementary Schools	
Physical Education (PHE 341 or 342) .....	2 Sem. Hrs.
Physical Education for Elementary School (PHE 360) .....	2 Sem. Hrs.
C. Other Courses Required .....	35 Sem. Hrs.
Same as for Secondary Teaching Majors, Plus the following:	
Fundamentals of Elementary Education (EDU 302) ..	4 Sem. Hrs.
D. Minor Requirements .....	18-21 Sem. Hrs.
	137-140 Sem. Hrs.

### NON-TEACHING MAJOR IN PHYSICAL EDUCATION

A. General Education Requirements .....	50 Sem. Hrs.
Same as for Secondary Teaching Major .....	
B. Major Requirements .....	40 Sem. Hrs.
Same as for Secondary Teaching Major, Plus 10 hours of Professional Electives to be selected from the following: .....	30 Sem. Hrs.
Modern Dance (PHE 213, 214) .....	2 Sem. Hrs.
Coaching Techniques (PHE 303, 304, 403, 404) ....	2-6 Sem. Hrs.
Organization and Administration of Intramurals (PHE 321) .....	3 Sem. Hrs.
Prevention and Care of Athletic Injuries (PHE 324) .....	3 Sem. Hrs.
Life Saving and Water Safety (PHE 351) .....	1 Sem. Hr.
Water Safety Leadership (PHE 352) .....	1 Sem. Hr.
Sports Officiating (PHE 356, 357 or 358) .....	1-2 Sem. Hrs.
Elementary Physical Education Skills and Game Theory (PHE 359) .....	3 Sem. Hrs.
Camping and Camp Counseling (PHE 364) .....	3 Sem. Hrs.
Contemporary Issues in Health and Physical Education (PHE 422) .....	1-3 Sem. Hrs.
C. Other Requirements .....	14 Sem. Hrs.
BIO 107, 108; HED 107; PSY 200 Human Development and Psychology II (EDU 222)	
D. Minor Requirements .....	18-21 Sem. Hrs.
E. Free Electives .....	3-6 Sem. Hrs.
	128 Sem. Hrs.

### PHYSICAL EDUCATION CURRICULUM (Teaching, Secondary)

#### FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
ENG 101—English Comp. ....	3	ENG 102—English Comp. ....	3
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
GVI 100—Freshman Orientation ....	1	PHE 104—Volleyball, Basketball ....	1
PHE 103—Conditioning, Softball ....	1	PHE 105 or 232 Swimming or .....	1
PHE 105 or 232 Swimming or .....	1	HED 107—First Aid and Personal Safety .....	2
HED 107—First Aid and Personal Safety .....	2	PHE 142—Advanced Rhythmic Ac- tivities for the Elem. Sch. ....	2
PHE 111—Intro. to Phys. Education..	2	HED 221—Health and Safety Educ. ..	2
PHE 141—Rhythmic Activities for Elementary School .....	2		
	17-18		16-17

#### SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
ENG 103—Fundamentals of Speech or MAT 100 or 101—Fundamental Math..	3	ENG 103—Fundamentals of Speech or MAT 100 or 101—Fundamental Math.	3
PSY 200—General Psychology .....	3	EDU 220—Human Dev. & the Curriculum .....	3
PHS 201—Intro. to Physical Science..	3	PHE 204—Bowling, Archery .....	1
ENG 211—Intro. to Literature .....	3	PHE 206—Gymnastics .....	
PHE 203—Tennis-Badminton .....	1	PHE 214—Modern Dance Comp. (W) ..	1
PHE 213—Modern Dance Techn. (W) .....	1	PHE 221—Adaptive Phys. Education..	2
SOC 201—Intro. to Social Science ..	3	SOC 202—Intro. to Soc. Sci. ....	3
		Humanities Elective .....	3
	17-18		16-17

## JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
BIO 107—Anatomy & Physiology ... 3		BIO 108—Anatomy & Physiology ... 3	
PHE 207—Soccer, Track & Field ... 1		PHE 208—Golf, Field Hockey, Wrestling ... 1	
PHE 323—History & Prin. of Phys. Ed. .... 3		PHE 303 or 304—Coaching Tech. (M) 2	
PHE 403 or 404—Coaching Tech. (M) 2		PHE 401—Tests & Measurements ... 3	
Humanities Elective ..... 3		PHE 421—Org. & Administration of Physical Education .... 3	
Minor Electives ..... 5-7		Minor Electives ..... 5-8	
PHE 205—Team Handball, Power-Volleyball ..... 1			
	17-19		17-19

## SENIOR YEAR

First Semester	Hours	Second Semester	Hours
PHE 331—Kinesiology ..... 3		EDU 412—Administration of Public Schools or	
PHE 343—Organization and Administration of Playgrounds & Recreation ..... 3		EDU 452—Fundamentals of Secondary Education ..... 3	
EDU 412—Administration of Public School or ..... 3		EDU 410—Methods of Teaching Physical Education ..... 3	
EDU 452—Fundamentals of Secondary Edu. .... 3		EDU 400—Supervised Teaching ..... 8	
Minor Electives ..... 5-7			
	14-16		14

## TWENTY-ONE HOUR MINOR IN HEALTH EDUCATION

Required Courses	Hours
HED 107—First Aid and Personal Safety ..... 2	
HED 112—Principles of Health Education ..... 3	
FON 102—Basic Nutrition ..... 3	
HED 222—Survey of Diseases ..... 3	
HED 260—Community Health ..... 3	
*HED 320—Health Education in Secondary Schools ..... 3	
HED 322—Health Education in Elementary Schools ..... 2	
HED 305—Safety Education ..... 2	

Electives: 3-5 Hours from the following:

HED 306—First Aid Instructor's Course ..... 2	
EDU 303—Psychology of Personality ..... 3	
HED 361—The School Health Program ..... 2	
FON 403—Community Nutrition ..... 3	

\*Not recommended for non-teaching majors.

## PHYSICAL EDUCATION CURRICULUM

(Teaching With Elementary Physical Education Endorsement)

## FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Same as Secondary Teaching ..... 17-18		MAT 100 or 101—Fund. Math. .... 3	
		ENG 102—English Comp. .... 3	
		BIO 104—Life Science ..... 4	
		PHE 104—Volleyball-Basketball ..... 1	
		PHE 105 or 232—Swimming ..... 1	
		HED 107—First Aid & Personal Safety ..... 2	
		PHE 142—Advanced Rhythmic Act. for Elem. Schools ..... 2	
		HIS 102—World Civilization ..... 3	
			17-18

## SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
ENG 103—Fund. of Speech ..... 3		SOC 202—Intro. to Soc. Science ..... 3	
ENG 211—Intro. to Literature ..... 3		PHE 221—Adaptive Phys. Ed. .... 2	
PSY 200—General Psychology ..... 3		EDU 220—Human Dev. & the Curric. 3	
PHS 201—Intro. to Phys. Sci. .... 3		PHE 359—Elementary Phys. Ed. Skills & Game Therapy ..... 3	
SOC 201—Intro. to Soc. Sci. .... 3		PHE 204—Bowling, Archery ..... 1	
PHE 203—Tennis-Badminton ..... 1		PHE 214—Modern Dance Comp. (W) 1	
HED 221—Health & Safety Ed. (W) 2		HED 221—Health and Safety Ed. (M) 2	
PHE 213—Modern Dance Tech. (W) 1		Humanities Electives (W) ..... 3	
Humanities Electives (M) ..... 3		Minor Electives ..... 3-5	
	19		19

## JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
BIO 107—Anatomy & Physiology .. 3		BIO 108—Anatomy & Physiology ... 3	
PHE 205—Team Handball-Power Volleyball ..... 1		PHE 206—Gymnastics ..... 1	
PHE 207—Soccer-Track & Field ..... 1		PHE 208—Golf, Field Hockey, Wrestling ..... 1	
PHE 323—History and Principles of Phys. Educ. .... 3		PHE 342—Practicum in Elem. Sch. Physical Education .... 2	
PHE 403 or 404—Coaching Tech. (M) 2		PHE 401—Tests & Measurements ... 3	
Humanities Elective ..... 3		PHE 421—Organization & Administration of Health & P.E. . 3	
Minor Electives ..... 5-7		PHE 303—(T for B) Coaching Tech. (M) ..... 2*	
	18	Minor Electives ..... 3-5	
			18

## SENIOR YEAR

First Semester	Hours	Second Semester	Hours
EDU 302—Fund. of Elem. Ed. .... 4		Same as Secondary Teaching ..... 14	
PHE 331—Kinesiology ..... 3			
PHE 360—P.E. in Elem. Schools ... 2			
EDU 412—Administration of Public Schools or			
EDU 452—Fundamentals of Secondary Education ..... 3			
Minor Electives ..... 6			
	18		

## PHYSICAL EDUCATION CURRICULUM (Non-Teaching)

## FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Same as Teaching Secondary ..... 17-18		Same as Teaching Secondary ..... 16-17	

## SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
ENG 103—Fund. of Speech or		ENG 103—Fund. of Speech or	
MAT 100 (101)—Fund. Math. .... 3		MAT 100 (101)—Fund. Math. .... 3	
ENG 211—Intro. to Literature ..... 3		SOC 202—Intro. to Sociology ..... 3	
PSY 200—General Psychology ..... 3		PHE 204—Bowling-Archery ..... 1	
SOC 201—Intro. to Sociology ..... 3		PHE 214—Modern Dance Comp. (W) 1	
SCI 201—Intro. to Phys. Sci. .... 3		PHE 221—Adaptive Phys. Ed. .... 2	
PHE 203—Tennis-Badminton ..... 1		PHE 221—Adaptive Phys. Ed. .... 2	
PHE 213—Modern Dance Tech. (W) 1		EDU 222—Human Dev. & Psy. II ... 3	
	16-17	Humanities Electives ..... 3	
			15-16

## JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
BIO 107—Anatomy & Physiology ...	3	BIO 108—Anatomy & Physiology ...	3
PHE 205—Team Handball-Power Volleyball .....	1	PHE 206—Gymnastics .....	1
PHE 207—Soccer-Track & Field .....	1	PHE 208—Golf, Field Hockey, Wrestling .....	1
PHE 323—History & Principles of Phys. Ed. ....	3	PHE 303 (304)—Coaching Tech. (M) 2 Electives .....	6-8
PHE 403 (404)—Coaching Tech. (M) 2		Minor, Prof. or Free	
Humanities Elective .....	3	PHE 401—Tests and Measurements ..	3
Electives .....	3-5		
Minor, Prof. or Free			
	14-16		14-16

## SENIOR YEAR

First Semester	Hours	Second Semester	Hours
PHE 331—Kinesiology .....	3	PHE 421—Organization & Administration of Health & P.E. 3	
PHE 343—Organization & Administration of Playgrounds, & Rec. ....	3	Electives .....	11-13
Electives .....	10-12		
Minor, Prof. or Free			
	16-18		14-16

## COURSE DESCRIPTION

PHYSICAL EDUCATION 100. *Golf.*

The teaching of the elementary skills, techniques and rules of golf. Credit 1 hour.

PHYSICAL EDUCATION 103-104 *Fundamentals of Conditioning—Softball; Volleyball-Basketball.*

Theory and practice of activities in Physical Education programs including skills instruction. Open only to majors in physical education. Required of all majors. One hour lecture, two hours lab. Credit - hour each semester.

PHYSICAL EDUCATION 105. *Swimming.*

This course is designed to teach the student the basic skills in swimming, diving and water safety. Open only to major students. Required of all majors. Students in Swimming (major) will be placed in swim courses to their abilities to swim. Credit 1 hour.

PHYSICAL EDUCATION 109. *Beginning Swimming.*

Open to all non-majors to either learn to swim or improve their skills. Credit 1 hour.

PHYSICAL EDUCATION 110. *Touch Foo'ball and Net Games.*

An introduction to, and development of, fundamental skills and techniques in touch football and selected net games. Credit 1 hour.

PHYSICAL EDUCATION 111. *Introduction to Physical Education.*

Orientation of the professional student to the total program of Health, Physical Education and Recreation. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 114. *Net Games.*

The basic skills of volleyball, handball and badminton. Credit 1 hour.

PHYSICAL EDUCATION 115. *Body Conditioning and Karate.*

Emphasis is on rudimentary skills in self-defense (Karate) and a high level of physical fitness. Credit 1 hour.

PHYSICAL EDUCATION 116. *Net Games.*

Emphasis is on the intermediate skills, techniques and rules of volleyball, tennis, and badminton. Credit 1 hour.

PHYSICAL EDUCATION 141. *Fundamental Rhythmics for Elementary School Physical Education.*

Instruction and experience in folk and square dances suitable for use in the elementary school. Basic fundamental rhythms for use in elementary schools are included in this course. One hour lecture and three hours lab. Required of all majors. Credit 2 hours.

PHYSICAL EDUCATION 142. *Fundamental Rhythmical Activities-Elementary School.*

An introduction to the creative approach to dance and rhythmics at elementary school levels. The principles of kinesthetics and rhythmical forms applied to the practice of fundamental movement techniques. One hour lecture and three hours lab. Required of all majors. Prerequisite: PHE 141. Credit 2 hours.

PHYSICAL EDUCATION 200. *Physical Conditioning.*

Instruction and training in weights, calisthenics, rope jumping, self-testing activities that will enable the participant to gain an acceptable level of fitness. Credit 1 hour.

PHYSICAL EDUCATION 203-204. *Fundamentals of Tennis-Badminton-Bowling-Archery Activities.*

Theory and practice of activities needed in Physical Education programs including skill instruction. Required of all majors. One hour. Open only to majors. One hour lecture-recitation, two hours lab. Prerequisites: PHE 103-104 Credit 1 hour each semester.

PHYSICAL EDUCATION 205. *Team Handball-Power Volleyball.*

Theory and practice of rules, basic skills, strategy and teaching techniques related to team handball and touch football. Open only to major students. Credit 1 hour.

PHYSICAL EDUCATION 206 *Gymnastics.*

Fundamental stunts, tumbling, apparatus and basic movements and exercises on the trampoline. Spotting techniques and safety procedures will be stressed. Open only to major students. Credit 1 hour.

PHYSICAL EDUCATION 207. *Soccer—Track and Field.*

Theory and practice of rules, basic skills, strategy, and teaching techniques related to soccer and track and field. Open only to majors. Credit 1 hour.

PHYSICAL EDUCATION 208. *Golf—Field Hockey—Wrestling.*

Theory and practice of rules, basic skills, strategy and teaching techniques related to these activities. Open only to majors. Credit 1 hour.

PHYSICAL EDUCATION 213. *Modern Dance Techniques.*

Open to those seriously interested in techniques in modern dance and in doing original work in dance composition under direction. Required of women majors. Open to male students. Credit 1 hour.

PHYSICAL EDUCATION 214. *Modern Dance Composition.*

Dance choreography, program planning, directing, staging, and costuming. Formal program required of all students. Required of women majors. Open to males. Prerequisite: PHE 213. Credit 1 hour.

PHYSICAL EDUCATION 216. *Gymnastics.*

Elementary skill training in tumbling, parallel bar, horizontal bar trampoline and free exercise, including the balance beam. Credit 1 hour.

PHYSICAL EDUCATION 218. *Weight-Training and Body Conditioning.*

Designed to have the student reach a highly conditioned body through the use of weight training. Credit 1 hour.

PHYSICAL EDUCATION 221. *Adaptive Physical Education.*

Emphasis on the recognition of the numerous disabilities secondary and elemen-



tary students suffer from. Method of presenting solutions for correcting these discovered abnormalities are studied. Credit 2 hours.

**PHYSICAL EDUCATION 232. *Advanced Swimming.***

This course is designed for those students capable of learning advanced stroke techniques. Physical conditioning and basic life saving skills are included. Can be substituted for PHE 105. Open only to major students. Credit 1 hour.

**PHYSICAL EDUCATION 240S (Men and Women). *Swimming.***

Practice and instruction for the advanced swimmer and the more advanced swimmer. Credit 1 hour.

**PHYSICAL EDUCATION 323. *History and Principles of Physical Education.***

This course is a study of the history of physical education and a study of the foundation of the scientific principles of physical education. The evaluation of the principles is considered in relation to education in general. Required of all majors. Credit 3 hours.

**PHYSICAL EDUCATION 303-1. *Coaching Techniques—Track and Field.***

Study in the theory, methods and mechanics of coaching track and field events, and cross-country. The organization and operational procedures for staging these events. Credit 2 hours.

**PHYSICAL EDUCATION 304-1. *Coaching Techniques—Baseball.***

Study in the theory, strategy and mechanics of coaching baseball, including all the necessary skills of batting, base-running, fielding, pitching and the playing of all positions. Credit 2 hours.

**PHYSICAL EDUCATION 321. *Organization and Administration of Intramural Program.***

History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Credit 3 hours.

**BIOLOGY 107-108. *Human Anatomy and Physiology.***

Special emphasis is placed on internal anatomy and physiology of circulation and muscular skeletal and nervous systems. Laboratory work. Two hours laboratory per week. Required of all majors. Prerequisites: BIO 103-104. Credit 3 hours per semester.

**PHYSICAL EDUCATION 324. *Prevention and Care of Athletic Injuries.***

The principles of care for injuries in the various sports activities. Special attention is given to the prevention of athletic injuries. Laboratory experience in athletic bandaging is provided. Prerequisite: BIO 103, 104, and 311. Credit 3 hours.

**PHYSICAL EDUCATION 331. *Kinesiology.***

A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all majors. Prerequisite: BIO 103, 104, and 311. Credit 3 hours.

**PHYSICAL EDUCATION 341 and 342. *Practicum—Elementary Schools—K-4 and 5-8.***

The student is given an opportunity to engage in pre-directed teaching. The student is assigned to observe, participate, and teach in a classroom situation under the direction of the instructor for the course. Open to majors. Prerequisites: PHE 103, 104, 203, 204. Credit 2-4 hours.

**PHYSICAL EDUCATION 351. *Lifesaving and Water Safety.***

Stroke review, conditioning, and American Red Cross Senior Life Saving Certification. Prerequisite: Advanced Swimming or comparable skills. (Offered only Fall Semester). Credit 1 hour.



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All-American

**PHYSICAL EDUCATION 352. *Water Safety Leadership.***

Leadership training in the teaching of swimming, life saving and pool operation. American Red Cross Water Safety Instructor Certification. Prerequisite: Senior Life-Saving Certificate. (Offered only Spring Semester). Credit 1 hour.

**PHYSICAL EDUCATION 356-1. *Sports Officiating for Men.***

The theory and practice of officiating basketball, track, baseball, tennis, golf and other sports. One hour lecture, two hours lab. Officiating in College intramurals will be required. Credit 2 hours.

**PHYSICAL EDUCATION 357-1. *Sports Officiating for Women.***

Instruction, interpretation of rules and practice in officiating field hockey, volleyball, and other sports. Preparation for women's National Officials rating in athletics. One hour lecture, two hours lab. Credit 2 hours.

**PHYSICAL EDUCATION 358-1. *Sports Officiating for Women.***

Instruction, interpretation of rules and practice in officiating basketball, softball, tennis and other sports. Preparation for Women's National Officials rating in athletics. One hour lecture, two hours lab. Credit 2 hours.

**PHYSICAL EDUCATION 359. *Basic Skills and Games Theory for the Elementary Schools.***

Emphasis on the theory and principles of movement exploration, rhythmic activities, tumbling and self-testing activities, sports skills and game activities. Credit 3 hours.

**PHYSICAL EDUCATION 360. *Physical Education in the Elementary School.***

Required of all majors in physical education and open to others who are seeking teacher certification. Material and techniques in physical education activities suitable for elementary school children will be studied. Prerequisite: PSY 200, and EDU 220 or 221. Credit 2 hours.

**PHYSICAL EDUCATION 364. *Camping and Camp Counseling.***

Emphasis on recent trends and philosophy of camping and camping and camp counseling. Credit 3 hours.

**PHYSICAL EDUCATION 401. *Tests and Measurements.***

The theory of measurement in physical education, including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all majors. Credit 3 hours.

**PHYSICAL EDUCATION 403-1. *Coaching Techniques—Basketball.***

Study in theory, strategy and mechanics of teaching basketball. Credit 2 hours.

**PHYSICAL EDUCATION 404-1. *Coaching Techniques—Football.***

The study of theory, organization, mechanics and overall strategy of the teaching of football. Defensive and offensive play are both thoroughly explored. Credit 2 hours.

**PHYSICAL EDUCATION 421. *Organization and Administration of Health and Physical Education.***

Procedures and policies for the administration of health and physical education programs in schools and colleges. Care of facilities, equipment and supervision of personnel will be included in with the administration of athletics. Required of all majors. Credit 3 hours.

**PHYSICAL EDUCATION 422. *Contemporary Issues in Health and Physical Education.***

A review of current trends and issues in Health Education and Physical Education. Credit 3 hours.

**CORRECTIVE THERAPY****CORRECTIVE THERAPY TRAINEE COURSE.**

This course is offered in affiliation with the Veterans Administration Hospital, Louisville, Kentucky. This program has the certified approval of the Veterans Administration Central Office, Washington, D.C. This is an intensive six-week course open to seniors or graduates of Kentucky State University with a major in Health and Physical Education. Those students who desire such may receive six hours credit upon successful completion of the course. Students who wish to enter this specialized training should notify the Chairman of the Department of Health and Physical Education during their junior year as to their intentions. Prerequisites: Kinesiology, Anatomy, and Physiology.

**HEALTH EDUCATION****HEALTH EDUCATION 107. *First Aid and Personal Safety.***

This course is designed to aid the student in developing the proper attitudes, skills, and knowledges needed to promote safety. Techniques are taught in care of injuries and sudden illness. The standard American Red Cross Certificate in First Aid may be earned. One hour lecture, two hours lab. Credit 2 hours.

**HEALTH EDUCATION 112. *Principles of Health Education.***

In this course, attention will be given to those basic facts and principles of health and related disciplines which will aid the student in: (1) attaining satisfactory social and emotional adjustments; (2) maintaining and improving his own health; (3) developing a cooperative attitude in solving community health problems; and (4) training for the responsibilities of family life and citizenship. Credit 3 hours.

**HEALTH EDUCATION 221. *Health and Safety Education.***

This course is designed to provide the basic facts and principles necessary to the development of knowledge, habits, and attitudes for optimum individual, family, and community health and safety. Required of all Physical Education majors. Credit 2 hours.

**HEALTH EDUCATION 260. *Community Health.***

An introductory course to acquaint the student with community health problems. The organization, administration, and supervision of community health agencies will be emphasized. Credit 2 hours.

**HEALTH EDUCATION 222. *Survey of Communicable and Non-Communicable Diseases.***

General signs and symptoms of prevalent communicable and non-communicable diseases will be studied. Emphasis will be placed on the prevention and control of these conditions. Credit 3 hours.

**HEALTH EDUCATION 305. *Safety Education.***

Emphasis on the cost and trends of all types of accidents. Personal factors as related to safety will be covered. Credit 2 hours.

**HEALTH EDUCATION 306. *First Aid Instructors Course.***

To prepare the student to become a qualified Red Cross First Aid Instructor. Prerequisite: PHE 107. Credit 2 hours.

**HEALTH EDUCATION 320. *Health Education in Secondary Schools.***

Emphasis on curriculum development; methods and source materials in health education for grades 7-12. Prerequisite: PSY 200 and EDU 220. Credit 3 hours.

**HEALTH EDUCATION 322. *Health Education in Elementary Schools.***

To aid the student in the recognition of responsibility and of the opportunities for protecting and improving the health of the child by developing understandings and skills in: curriculum development; methods; and source materials in health education. Emphasis will be placed upon the integration of health teaching with other curriculum areas. Prerequisite: PSY 200 and EDU 220 or 221. Credit 2 hours.

**HEALTH EDUCATION 361. *The School Health Program.***

A study of the problems involved in promoting the health of school children. Attention will be given to prevention and protection against infectious diseases and instructions in desirable health practice. Credit 2 hours.

**DEPARTMENT OF HISTORY AND POLITICAL SCIENCE**

The Department of History and Political Science offers students an opportunity to major in History or Political Science. Minors in History, in Political Science, and in Afro-American Studies are also available.

The objectives of the Department are:

1. to acquaint the student with the privileges and duties of citizenship;
2. to prepare the student for vocational opportunities in the fields of education, government service, and related areas, and for further academic work designed to prepare him more fully for advancement in these fields;
3. to give the student knowledge of and an appreciation for the relationships among social, political, economic and intellectual forces in the modern world. Also some insight will be given of the principal event and personalities which have influenced the development of the modern world;
4. to provide an introduction to the basic methods of research in history and political science;
5. to alert the student to the struggle of minorities for the privileges and immunities of citizenship and to their achievements and contributions to American civilization.

Requirements for a major in History are 33 semester hours credit with a minimum of "C" in each course distributed in the Department as follows: History 101-102—World Civilization, History 201-202—United States History, and 21 additional hours of 300 and 400 history courses selected in consultation with the student's academic advisor. Registration for the following courses is required of all majors in this field: History 341—English History, History 314—The Negro in the United States or History 422—Recent United States History, and History 433—Twentieth Century Europe. Students qualifying for certification as secondary school teachers in History will take Political Science 101—American Government; it will be credited to their required 21 hours of upperclass history credits.

Requirements for a major in Political Science are 33 semester hours credit with a minimum grade of "C" in each course distributed within the Department as follows: POS 101—American Government, POS 102—State Government, POS 201—Metropolitan Government, POS 211—Introduction to Political Science, at least one course in three of the following four groups of courses: political theory (either POS 351—Early Political Theory or POS 352—Modern

Political Theory), political process (either POS 322—Legislative Process or POS 461—American Politics), constitutional law (either POS 331—American Constitutional Law or POS 431—The Constitution and Civil Liberties), political administration (either POS 341—Public Administration or POS 441—Administrative Case Study), and 12 additional hours in Political Science courses from the 300 and 400 groups.

Requirements for a minor in History are 24 semester hours credit with a minimum grade of "C" in each course. The courses must be distributed as follows: History 101-102—World Civilization, History 201-202—United States History, and 12 semester hours selected in consultation with the student's minor advisor from 300 and 400 history courses.

Requirements for a minor in Political Science are 24 semester hours credit with a minimum grade of "C" in each course. The courses must be distributed as follows: POS 101—American Government, POS 211—Introduction to Political Science, and 18 semester hours selected in consultation with the student's minor advisor from political science courses.

**HISTORY CURRICULUM****FRESHMAN YEAR**

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
FRE 101—French or		FRE 102—French or	
SPA 101—Spanish .....	3	SPA 102—Spanish .....	3
ART 130—Art Appreciation		MAT 100—Fundamentals of	
		Mathematics .....	3
MUS 222—Music Appreciation .....	3	PHE 221—Health & Safety Education .	2
GUI 100—Freshman Orientation ....	½	PHE 100—Activity .....	1
PHE 100—Activity .....	1		
	16½		19

**SOPHOMORE YEAR**

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—English Literature .....	3	ENG 212—English Literature .....	3
SOC 201—Introduction to Social		SOC 202—Introduction to Social	
Science .....	3	Science .....	3
PHS 201—Introduction to Physical		HIS 202—United States History .....	3
Science .....	3	*EDU 222—Human Development and	
HIS 201—United States History .....	3	PHE Activity .....	1
*PSY 200—General Psychology .....	3	Elective .....	9
PHE Activity .....	1		
*POS 101—American Government .....	3		
	19		19

**JUNIOR YEAR**

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
HIS 341—English History .....	3	HIS 314—The Negro in United	
History electives .....	6	States History	
Minor courses .....	6	or	
		HIS 422—Recent United States	
		History .....	3
		History elective .....	6
		Minor courses .....	3
		Elective .....	3
	15		15

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
HIS 433—		*EDU 410SS—Methods of Teaching	
*EDU 452—Fund. of Sec. Ed. ....	3	Social Sciences .....	3
History elective .....	3	*EDU 412—Administration of Public	
Elective .....	9	Schools .....	3
		HIS 433—20th Century Europe .....	3
		*EDU 400—Supervised Teaching .....	8
	15		17

## POLITICAL SCIENCE CURRICULUM

## FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
FRE 101—French or		FRE 101—French or	
SPA 101—Spanish .....	3	SPA 102—Spanish .....	3
POS 101—American Government .....	3	POS 102—State Government .....	3
GUI 100—Freshman Orientation .....	1	PHE 100—Activity .....	1
PHE 100—Activity .....	1	PHE 221—Health and Safety .....	2
	17		18

## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 211—English Literature .....	3	ENG 212—English Literature .....	3
SOC 201—Intro. to Social Science .....	3	SOC 202—Intro. to Soc. Sci. ....	3
SCI 201—Intro. to Phy. Science .....	3	POS 211—Intro. to Pol. Sci. ....	3
POS 201—Metropolitan Government .....	3	MAT 100—Fundamentals of Math. ....	3
PHE 200—Activity .....	1	PHE 200—Activity .....	1
ART 130—Art Appreciation		Electives .....	6
MUS 221— or			
or 222—Music Appreciation .....	3		
	16		19

## THIRD YEAR

Fall Semester	Hours	Spring Semester	Hours
POS 351—Early Political Theory		POS 322—Legislative Process	
or		or	
POS 352—Modern Political Theory ..	3	POS 461—American Politics .....	3
Political Science—Elective .....	3	Political Science—Elective .....	3
Minor .....	6	Minor .....	6
Elective .....	3	Elective .....	3
	15		15

## FOURTH YEAR

Fall Semester	Hours	Spring Semester	Hours
POS 331—American Constitutional Law		POS 341—Public Administration	
or		or	
POS 431—Constitution and Civil		POS 441—Administrative	
Liberties .....	3	Care Study .....	3
Political Science—Elective .....	3	Minor .....	6
Minor .....	6	Electives .....	6
Elective .....	3		
	15		15

\*Required of students planning to be certified as teachers in Kentucky.

## COURSE DESCRIPTION

## HISTORY

HISTORY 101-102. *World Civilization.*

The typical literature, art, music, architecture, other fine arts, religions, and customs of various peoples and nations throughout history. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 hours for each course.

HISTORY 201-202. *United States History.*

The political, economic, and social development of the United States from Colonial period to the present. Credit 3 hours for each course.

HISTORY 203. *History of Kentucky.*

A general survey of the social, economic and political history of Kentucky; her influence in the development of American democracy; and her period of leadership in the nation. Credit 3 hours.

HISTORY 314. *The Negro in the United States.*

A study of the history of the Negro in the United States; his African heritage, his role in the development of the country, his struggle for the privileges and immunities of citizenship, and particular emphasis on his contributions to the American society. Credit 3 hours.

HISTORY 321. *Constitutional History of the United States.*

An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court with some attention to economic, political, and social forces which have influenced its development. Prerequisite: HIS 201-202. Credit 3 hours.

HISTORY 331. *Early Modern Europe.*

A survey of the political, intellectual, economic and social development of Europe in the period 1450-1815. Major topics covered are the High Renaissance, overseas expansion, the Reformation, the Intellectual Revolutions, and the era of the French Revolution. Credit 3 hours.

HISTORY 332. *Nineteenth Century Europe.*

This course deals broadly with Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914). Particular emphasis is placed upon nationalism, the struggle between revolution and reaction, industrialization, imperialism, diplomacy, and cultural and intellectual trends. Credit 3 hours.

HISTORY 341. *English History.*

A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689) with emphasis upon constitutional and legal developments. Credit 3 hours.

HISTORY 342. *English History.*

A continuation of HIS 341 describing the growth of British democracy, and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 361. *Greece and Rome.*

A survey of the ancient civilizations of Greece and Rome with emphasis on their significant political and cultural achievements. Credit 3 hours.

HISTORY 362. *Hispanic American History.*

The colonial and republican periods in Hispanic America are surveyed with

emphasis in the most recent period on the relation of these nations to the rest of the world. Credit 3 hours.

**HISTORY 372. *Medieval Culture.***

A survey of European history from 500 to 1500 with a strong emphasis on cultural achievements of the period. Credit 3 hours.

**HISTORY 375. *African History to 1870.***

This is a survey course tracing the earliest beginnings of man in Africa, the development of sub- and trans-Saharan civilizations, the rise of West African empires, the impact of early European expansion into African territories, and the development of the slave trade. Credit 3 hours.

**HISTORY 376. *African History Since 1870.***

This course will discuss the development of European colonial empires in Africa and the subsequent rise of independent African States. Such topics as African unity, the creation of "freedom movements," the role of non-aligned African nations in world affairs and the effort by independent African states against further economic colonialism will be discussed. Credit 3 hours.

**HISTORY 411. *The Negro in Twentieth Century America.***

An in-depth study of Afro-American contributions to American culture and struggles for full citizenship in the United States interwoven with the story of the growth of the United States since its emergence as a world power. Credit 3 hours.

**HISTORY 421. *Southern History.***

The course covers the economic, social, political, and cultural life in the southern states from colonial times to the present. It examines carefully the progress and problems of the South today. Prerequisite: HIS 201-202. Credit 3 hours.

**HISTORY 422. *Recent United States History.***

A careful examination—readings, discussions, reports, papers—of problems associated with such topics as the Great Depression, the New Deal, war and threats to peace, significant social change, major political developments, and achievements in outer space. Prerequisite: HIS 201-202. Credit 3 hours.

**HISTORY 424. *Diplomatic History of the United States.***

An in-depth survey of America's diplomatic relations with the major world powers since the founding of the Republic. Prerequisite: HIS 201-202. Credit 3 hours.

**HISTORY 433. *Twentieth Century Europe.***

The course covers the history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European civilization, the rise of the totalitarian states, World War II, the Cold War, and the trends and problems of contemporary Europe. An important feature of the course will be a term paper which will enable the student to do independent research. Credit 3 hours.

**HISTORY 461. *The History of East Asia.***

A cultural and political survey of the history of China, Japan, and southeast Asia with emphasis on their changing relationships with the rest of the world during the nineteenth and twentieth centuries. Credit 3 hours.

**HISTORY 499. *Independent Study.***

An organized course of readings, the preparation of reports, oral and written, and final examination arranged for the individual student by the faculty member in whose area of specialization the student is interested in doing independent study. Credit 1 to 3 hours.

## POLITICAL SCIENCE

**POLITICAL SCIENCE 101. *American Government.***

A study of the formal and informal institutions of American national government and politics: The Constitution, the Presidency, Congress, the federal court system, political parties, pressure groups, public opinion, recent foreign policy, the federal bureaucracy, voting behavior. Attention is given to current problems and issues. Credit 3 hours.

**POLITICAL SCIENCE 102. *State Government.***

A study of the structure and function of state governments in the federal system of the United States; the state constitution, state legislature, the state executive, state administration, state finance, state courts, state parties and politics, reconstruction of problems and issues. Credit 3 hours.

**POLITICAL SCIENCE 201. *Metropolitan Government.***

A study of municipal government and metropolitan problems, including politics, law, the role of the city council, the mayor and the city manager. Credit 3 hours.

**POLITICAL SCIENCE 211. *Introduction to Political Science.***

An introduction to the study of behavior in a political context including an analysis of behavioral concepts such as political roles, groups, power, systems and decision-making. Prerequisite to 300 and 400 political science courses. Credit 3 hours.

**POLITICAL SCIENCE 301. *Comparative Government.***

An analysis of the major political systems of Europe with emphasis on Great Britain, France, the German Federal Republic and the Soviet Union. Credit 3 hours.

**POLITICAL SCIENCE 325. *Judicial Process.***

A systematic analysis of legal, evidentiary, environmental, and personal factors that influence judicial decision making. Credit 3 hours.

**POLITICAL SCIENCE 342. *Legislative Process.***

A comprehensive study of legislative organization, procedure and problems covering the legislative power structure, the selection of legislators and the roles they play. Also examined is the decision-making process and the relations of the legislative and executive branches. Credit 3 hours.

**POLITICAL SCIENCE 331. *American Constitutional Law.***

An analysis of constitutional development concerned with the separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power. Credit 3 hours.

**POLITICAL SCIENCE 341. *Introduction to Public Administration.***

An introduction to the functions and problems of public administration emphasizing the types of governmental organization, lines of responsibility, personnel management, and fiscal processes. Credit 3 hours.

**POLITICAL SCIENCE 351. *Early Political Theory.***

The perennial problems of political and social life, centering on law, justice, equality, the common good, and power as presented in the development of political ideas in the Western tradition. Credit 3 hours.

**POLITICAL SCIENCE 352. *Modern Political Theory.***

Modern political ideas as expressed in rationalism, empiricism, Marxism, fascism, socialism and the welfare state with emphasis on present-day theories. Credit 3 hours.



**POLITICAL SCIENCE 361. *World Politics.***

An examination of the dynamics of world politics, international tension, conflict and resolution. Areas chosen for emphasis will follow contemporary world problems. Credit 3 hours.

**POLITICAL SCIENCE 362. *Urban Politics and Policies.***

Political behavior in American urban political systems; an analysis of the urban policy process and a number of important social/political problems which face the American central cities and their suburbs. Prerequisite: POS 201—Metropolitan Government. Credit 3 hours.

**POLITICAL SCIENCE 431. *The Constitution and Civil Liberties.***

An examination of constitutional development concerned with the definition of American rights in the areas of freedom of speech, press, assembly, association and religion; church-state relations; racial discrimination; political radicalism and subversion; procedures in criminal prosecutions; military tribunals. Recommended for the prospective law student. Credit 3 hours.

**POLITICAL SCIENCE 441. *Administrative Case Study.***

Case studies of selected problems in the administrative process. The course offers the student an opportunity for presenting and defending individual judgments. Prerequisite: POS 341. Credit 3 hours.

**POLITICAL SCIENCE 442. *Public Personnel Administration.***

A study of public personnel administration, including the development of merit civil service; the personnel agency; classification, recruitment; examination techniques; employee relations and morale; promotion, service rating; training; discipline, tenure; transfer and retirement. Prerequisite: POS 341. Credit 3 hours.

**POLITICAL SCIENCE 461. *American Political Parties and Pressure Groups.***

The democratic process in the United States is analyzed as a function of the two major political parties and the major economic and social pressure groups. Credit 3 hours.

**POLITICAL SCIENCE 462. *Politics of Developing Nations.***

A comparative analysis of the political culture processes and problems of selected nations most of which have become independent since World War II. Credit 3 hours.

**POLITICAL SCIENCE 470. *International Organization.***

An examination of the social and economic factors leading to the establishment of international organizations. Conflicting interests in organizing world peace on the international level are studied. The emphasis of the course is on the background and role of the United Nations today. Credit 3 hours.

**POLITICAL SCIENCE 290-390-490. *Internship.***

Three Cooperative Education on-the-job work experience periods—semesters or summers—to supplement the classroom academic program. Credit 9-12 hours each.

**POLITICAL SCIENCE 499. *Independent Study.***

Individual research and/or reading on a problem or area within the field of political science chosen by the student after consultation with the instructor. Regular reports and a final research paper are required. Credit 1-3 hours.

## COOPERATIVE EDUCATION PROGRAM IN POLITICAL SCIENCE

A Cooperative Education Program in Political Science is offered by the Department of History and Political Science for those students who wish to register for a 12 month-year course of studies which combines campus classroom work with experiential learning in governmental agencies. It is a flexible interdisciplinary curriculum which meets the General Education requirement of the University and has courses in Political Science as a base. Three semesters of internship are included in the four-year program.

## THE AFRO-AMERICAN STUDIES PROGRAM

The Afro-American Studies Program is administered by the Department of History and Political Science faculty and represents a continuation of Kentucky State University's curricular and extra-curricular endeavor to develop race pride and to make the record of the past more complete by the insertion of significant information about Afro-Americans usually omitted. The current enrichment of the program is in response to the intense interest that has been generated concerning this area of culture in our history.

The curricular offerings are interdisciplinary in nature and sufficient in credit hours available to enable students to satisfy requirements for a minor. By judicious selection of courses, they may lay a sufficient foundation for graduate and professional study; equip themselves as elementary and secondary school teachers in such subjects; and qualify as counselors and participants in state and federally-supported projects involving minorities. Those admitted to this program must have a minimum overall average of two points (2.00). The minor consists of 18 semester hours selected in consultation with the Program's administrator from the following offerings:

- Home Economics 102—Nutrition for Man.
- Sociology 212—Geography of Africa: Sub-Sahara Region.
- Art 230—African Art in New Perspective.
- Sociology 303—Cultural Anthropology.
- Education 304—Introduction to the Teaching of the Disadvantaged in the Elementary School.
- Sociology 312—Sociology of Poverty.
- History 314—The Negro in the United States.
- Music 323—Afro-American Music.
- Sociology 350—Urban Sociology.
- English 353—The Black Man in American Drama.
- History 375-376—African History.
- English 409—Literature of the American Negro.
- History 411—The Negro in Twentieth Century America.
- Political Science 462—Politics of Developing Nations.

## FRANKFORT ADMINISTRATIVE INTERN PROGRAM

Kentucky State University participates in the Frankfort Administrative Intern Program, a seven-month internship course which combines academic and practical experiences in public administration and government. Students satisfactorily completing the program receive 15 semester hours of credit from Kentucky State University. Students are selected competitively from over 20

Kentucky colleges and universities, and receive a monthly stipend during the seven-month course. The program is administered at Kentucky State University by the Department of History and Political Science.

### LEGISLATIVE INTERN PROGRAM

Every two years during the regular meeting of the Kentucky General Assembly the Legislative Intern Program offers academic and practical experience in legislative processes to students competitively selected from Kentucky colleges and universities. They receive a monthly stipend and 15 semester hours academic credit from Kentucky State University on completion of the program. This internship program is administered by the Department of History and Political Science.

### DEPARTMENT OF HOME ECONOMICS

#### Philosophy and Objectives

Home Economics is an integral part of Kentucky State University's academic program as it operates in its three major Land Grant functions of teaching, research and community services. The field of home economics has as its focus the welfare of the family; its primary concern is that of strengthening the family unit—the home, and the individual through the application of knowledge gained through its own research and through its community programs. A major challenge of the Department of Home Economics is that of providing a broad career-oriented family life education program with relevant learning experiences which fosters high standards of individual achievements.

The objectives of the Department of Home Economics are:

1. To aid the student in developing a satisfying philosophy inherent with democratic principles.
2. To assist individuals toward becoming effective family members and responsible citizens in effecting positive change.
3. To prepare students for professional careers in home economics and allied fields.
4. To encourage personal, professional and cultural growth through continuous study and research.

### THE CURRICULA

The Department of Home Economics offers professional and technical undergraduate curricula leading to a Bachelor of Science degree in four major areas. These curricula are designed in harmony with the general education program and in harmony with the goals of the Home Economics profession.

There are many courses in the Department of Home Economics that are open to non-majors. Students may enroll in these courses with the consent of the instructor. Non-majors may also minor in any one of the four major areas in the field of home economics. A minor consists of 18 hours.

The following courses may be enrolled in by non-majors with no prerequisites:

FNU 101—Introduction to Foods and Nutrition .....	3
TCL 204—Family Clothing .....	3
HEC 208—Housing Problems and Policies .....	3
HEC 303—Household Equipment .....	3
CDF 306—Marriage and the Family .....	3
HEC 308—Family Consumer Problems .....	3

### CHILD DEVELOPMENT AND FAMILY RELATIONS

This curriculum offers a baccalaureate degree and an Associate degree. The program is planned for students interested in working with children from ages two to six. Those students who complete the four-year program are prepared to direct early childhood programs, teach in nursery schools, head start, kindergartens, supervise child care centers, homes for children and parent-child centers. Those completing the Associate Degree are prepared to function as technical support personnel in all the occupations listed above.

### VOCATIONAL HOME ECONOMICS EDUCATION

This four-year curriculum prepares students for teaching in consumer and homemaking programs, occupational home economics programs, extension work, and serves as basic preparation for teaching adult classes and other out-of-school groups.

### TEXTILES, CLOTHING AND MERCHANDISING

The textiles, clothing and merchandising area of concentration combine a flexible study program with the opportunity for professional preparation. A student's choice of supporting disciplines should be congruent with his professional goals and interests.

This area may be strengthened by selecting professional courses in business, art, chemistry or other departments throughout the university. Supervised field experience is provided those preparing for a profession in business.

The total number of hours selected in a supporting discipline should constitute a minor in that area. These courses are to be pursued only with faculty guidance and/or approval.

### FOODS AND NUTRITION AND DIETETICS

This curriculum aims to guide students in developing satisfactory knowledge to become dietitians or nutritionists depending on the selection of areas of specialization.

The objectives of this program are twofold: (1) to develop sound, basic, up-to-date knowledge in the fields of foods, nutrition, management and related subjects, and (2) to develop the ability to interpret these basic principles and apply sound judgement to their translation in actual situations.

Graduates are eligible for internships approved by the American Dietetic Association to gain ADA membership. Dietitians are employed in civilian, armed services and veterans administration hospitals; college and university food service; and business and commercial food services. Professional nutritionists are employed by industry, public health service, and other state, national and international agencies for research, educational programs, and food and health services.

The program meets ADA criteria for Dietetics in all three areas: general, clinical and community, as specified on Plan IV. This program has been reviewed and approved by the American Dietetic Association.

## CURRICULUM

### Child Development and Family Relations

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
GUI 100—Freshman Orient.	1	PHE 100—Activity	1
PHE 100—Activity	1	MAT 100—Fund. of Math.	3
HEC 101—Intro. to Home Ec.	1	ENG 102—English Composition	3
ENG 101—English Composition	3	HIS 102—World Civilization	3
HIS 101—World Civilization	3	BIO 102—Life Science	3
BIO 101—Life Science	3	CDF 102—Family Development	3
HEC 101—Intro. Art & Design	3		
CDF 101—Intro. Early Childhood Education	2		
	17		16

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Lit.	3	PHE 221—Health & Safety	2
SOC 201—Intro. to Soc. Sci.	3	SOC 202—Intro. to Soc. Sci.	3
CHE 101a—Chemistry	4	TCL —Clothing for Man	3
ENG 103—Fund. of Speech	3	FNU 214—Meal Planning & Table Service	3
FNU 203—Material and Child Nutrition	2	CDF 204—Child Care & Dev. II.	3
CDF 203—Child Care & Dev. I	3	PHE 200—Activity	1
PHE 200—Activity	1	Elective	3
	19		18

#### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PSY 200—Gen. PSY.	3	ENG 202—Children's Lit.	3
EDU 221—Human Dev. & Psy. I	3	MUS 333—Music Fund.	3
HEC 308—Family Consumer Prs.	3	EDU 304—Teaching Disadv. Child	3
CDF 315—Child Guidance	3	CDF 306—Marriage and Family Relationships	3
CDF 305—Materials & Methods in Early Childhood Education	3	Electives	3
Electives: Literature, Speech, Foreign Language or Philosophy	3		
	18		15

#### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CDF 407—Advanced Practicum in Early Childhood Programs	6	CDF 408—Organization & Admin. of Early Childhood Programs	4
CRF 307—The Child and His Family	3	CDF 409—Seminar in Family Life	3
Electives	6	HEC 300—Family Health	2
	15	Electives	6
			15

## CURRICULUM FOR ASSOCIATE DEGREE

### IN EARLY CHILDHOOD EDUCATION

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
GUI 100—Freshman Orient.	1	PHE —Activity	1
PHE —Activity	1	ENG 102—English Composition	3
HEC 101—Intro. to Home Ec.	1	ENG 202—Children's Lit.	3
ENG 101—English Composition	3	MUS 221—Music Apprec.	3
HIS 101—World Civilization	3	HEC 300—Family Health	2
BIO 101—Life Science	3	CDF 204—Child Care & Dev. II	3
CDF 101—Intro. Early Childhood Education	2	CDF 102—Family Development	3
HEC 102—Intro. Art & Design	2		
CDF 203—Child Care & Dev. I	3		
	19		18

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
EDU 221—Human Development & Psychology I	3	TCL —Clothing for Man	3
SOC 201—Intro. to Soc. Sci.	3	FNU 204—Meal Planning & Table Service	3
FNU 203—Maternal and Child Nutrition	2	CDF 405—Organization & Administration of Early Childhood Progs.	4
CDF 315—Child Guidance	3	CDF 306—Marriage and Family Relationships	3
CDF 305—Materials & Methods in Early Childhood Education	3	EDU 304—Teaching the Disadv. Child	3
CDF 307—Child and His Family	3		
	17		16

## CURRICULUM

### Home Economics Education

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
GUI 100—Freshman Orientation	1	PHE —Activity	1
PHE —Activity	1	BIO 102—Life Science	3
BIO 101—Life Science	3	ENG 102—English Composition	3
ENG 101—English Composition	3	HEC 102—Applied Art & Design	2
HIS 101—World Civilization	3	FNU 101—Intro. to Foods	3
MAT 101—Elem. Functions	3	TCL 102—Princs. of Cloth. Cons.	3
HEC 100—Intro. to Home Ec.	1	HIS 102—World Civilization	3
HEC 101—Intro. to Art & Design	2		
	17		18

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
CHE 100—Survey of Gen. Chem.	4	CHE 200—Survey of Org. Chem.	4
ENG 211—Intro. to Literature	3	FNU 204—Meal Planning & Table Service	3
CDF 203—Child Care & Dev.	3	FNU 102—Basic Nutrition	3
PHE —Activity	1	PHE —Activity	1
SOC 201—Intro. to Soc. Sci.	3	ENG —English Elective	3
TCL 214—Consumer Textiles	3	SOC 202—Intro. to Soc. Sci.	3
	17		17

#### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
**HEC 208—Housing Prob. & Pol.	3	ECO 211—Principles of Econ.	3
TCL 201—Advanced Clothing	3	HEC 304—Home Furn. & Design	3
ENG 201—Public Speaking	3	CDF 306—Family Relationships	3
PSY 200—Gen. Psychology	3	CDF —Child Dev. Elective	3
***Fine Arts Elective	3	**HEC 300—Family Health	2
	15	EDU 222—Human Dev. Psy. II	3
			17

#### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
HEC 303—Household Equipment	3	*HEE 412—Supervised Teaching	8
HEC 306—Home Mgt. Theory	2	HEC 408—Home management Res.	5
HEE 410—Methods of Teaching Home Ec.	3	**HEE 411—Adult Ed. in Home Ec.	2
Audio Visual Ed.	3	** (or HEE 413 Methods & Mat. for Teaching Occupational Home Ec.)	3
HEC 308—Family Cons. Probs.	3		
	14		15-16

\*All prerequisites and requirements for admission to student teaching are administered by the Department of Education. It is the student's responsibility to meet these requirements.

\*\*Offered on alternate years.

\*\*\*Fine arts (music, art( drama)).

## CURRICULUM

## Textiles, Clothing and Merchandising

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
GUI 100—Freshman Orient. ....	1	PHE —Activity .....	1
PHE —Activity .....	1	ENG 102—English Composition ....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MAT 100—Fund. of Math. ....	3	HEC 102—Applied Art & Design ....	2
CHE 100—Survey of Gen. Chem. ....	4	BUA 112—Business Math .....	3
HEC 100—Intro. to Home Ec. ....	1	TCL 102—Principles of Clothing	
ENG 101—English Composition ....	3	Construction .....	3
*HEC 101—Intro. to Art & Design .2-(3)		(General Elective—optional .....	3)
	18-19		15-18

\*Offered as 3 hrs. credit for Home Ec. majors only—Food & Nutrition and Child Care and Development.

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
HIS 101—World Civilization .....	3	PSY 211—Gen. Psychology .....	3
ENG 211—Intro. to Literature .....	3	TCL 337—Fashion Analysis .....	3
PHE —Activity .....	1	ECO 212—Principles of Econ. ....	3
TCL 201—Advanced Clothing .....	3	TCL 307—Textile Testing .....	3
TCL 214—Consumer Textiles .....	3	FNU —Elective .....	3
ECO 211—Principles of Econ. ....	3	ENG 201—Public Speaking .....	3
SOC 201—Intro. to Soc. Sci. ....	3	PHE —Activity .....	1
	19		19

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
TCL 100—Soc. & Psych. Aspects		TCL 327—Fashion Merchandising ...	4
of Clothing .....	3	HEC 308—Family Consumer Probs. ..	3
TCL 317—Historic Clothing .....	3	Professional Electives .....	6
BUA 351—Principles of Marketing ...	3	HEC 304—Home Furnishings &	
Professional Elective .....	3	Design .....	3
*Fine arts elective .....	3	HED 221—Health and Safety Ed. ....	2
Electives: Literature, Speech,			
Foreign Language or Philosophy ...	3		
	18		18

\*Select from Art and English.

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
TCL 442—Internship .....	12	TCL 400—Special Problems in	
		Textiles & Clothing ....	1-3
		EDU 422—Audio-Visual Educ. ....	3
		Electives .....	10
	12		14-16

TCL 204 Flat Pattern Design was deleted. It may be taken as a special problem at the senior level TCL 400.

## Foods and Nutrition and Dietetics

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HEC 100—Intro. to Home Ec. ....	1	FNU 101—Intro. to Foods .....	3
CHE 100—Survey of General Chem. .	4	CHE 200—Survey of Organic Chem. .	4
(or CHE 101—Gen. Chemistry .....	4)	(or CHE 102—Gen. Chemistry .....	4)
PHE —Activity .....	1	FNU 102—Basic Nutrition .....	3
ART 130—Art Appreciation .....	3	PHE —Activity .....	1
(or MUS 221 or MUS 222—		Electives in lit., speech,	
Music Apprec.) .....	3	foreign lang., or phil. ....	3
MAT 100—Fundamentals of Math. ...	3	* (or COS 100—Electronic	
GUI 100—Fresh. Orientation .....	1	Data Proc. ....	3)
OAD 100—Elem. Typing .....	2		
	18		17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 107—Anatomy & Physiology ...	3	BIO 108—Anatomy & Physiology ...	3
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
PHE —Activity .....	1	PHE —Activity .....	1
ENG 211—Intro. to Lit. ....	3	FNU 202—Meal Planning &	
FNU 203—Maternal & Child		Table Service .....	3
Nutrition .....	2	EDU 200—General Psychology .....	3
PHE 221—Health & Safety Ed. ....	2		
	17		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 204—Fund. of Microbiology ...	3	BUE 204—Business Communications .	3
ECO 211—Principles of Economics ..	3	ECO 212—Principles of Economics ..	3
FSM 311—Quantity Food Production .	4	SOC 301—Intro. to Sociology .....	3
FNU 321—Nutritional Biochemistry ..	3	*EDU 221—Human Dev. & Psych. ...	3
**FNU 321L—Biochemical Analysis ..	1	Electives Human anatomy,	
Electives: literature, speech,		Organic chemistry, humanities ....	3-4
foreign language or philosophy ....	3	(or institutional equipment .....	3)
	17		18-19

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BUA 323—Principles of Management .	3	FSM 424—Food Service Org.	
EDU 442—Audio-visual Education ...	3	& Mgmt. ....	3
(or EDU 201—Educational Psych. ...)	3)	FNU 422—Therapeutic Nutrition ....	3
FNU 421—Advanced Nutrition .....	3	FNU 442—Specila Problems in	
ECO 311—Business Statistics .....	3	Management .....	3
FNU 401—Experimental Foods .....	3	Foods—Nutrition .....	2-4
		**FNU 403—Community Nutrition ...	3
		Electives .....	3
	15		17-19

\*Required for students in General Area.

\*\*Required for students in Community Area.

\*\*\*Required for students in Clinical Area.

## Food Service Management

## FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
CHE 101—Gen. Chemistry .....	4	CHE 102—Gen. Chemistry .....	4
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
BUA 111—Business Math .....	3	BUA 112—Business Math .....	3
HEC 100—Intro. to Art & Design .....	2	HEC 102—Applied Art & Design .....	2
HIS 101—Intro. to Home Ec. ....	1	HIS 102—World Civilization .....	3
GUI 100—World Civilization .....	3	FNU 101—Intro. to Foods .....	3
PHE 100—Freshman Orientation .....	1	PHE —Activity .....	1
PHE —Activity .....	1		
	18		19

## SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
BIO 103—Life Science .....	4	BIO 104—Life Science .....	4
ENG 211—Intro. to Literature .....	3	BUA 262—Prin. of Accounting .....	4
BUA 261—Prin. of Accounting .....	4	PHE —Activity .....	1
ENG 201—Public Speaking .....	2	FNU 102—Basic Nutrition .....	3
PHE —Activity .....	1	FNU 201—Meal Planning & Table Service .....	3
	17		17

## JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
FSM 311—Intro. to Quantity Food Production .....	4	*FSM 314A—Quantity Food Production .....	6
BIO 301B—Human Physiology .....	3	BIO 302—Gen. Microbiology .....	3
ECO 211—Prin. of Economics I .....	3	EDU 203—Gen. Psychology .....	3
MUS 221—Music Appreciation .....	3	ECO 212—Prin. of Economics II .....	3
BUA 361—Prin. of Accounting .....	3	HED 221—Health and Safety Ed. ....	2
FSM Institutional Equip. ....	3		
	19		*17

\*FSM 314B Summer Practicum (3 hours).

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
Electives: Literature, Speech, Foreign Language or Philosophy .....	3	Elective .....	3
FSM 411—Quantity Food Purchasing .....	4	FSM 420—Lecturer Series .....	2
BUA 333—Personnel Admin. ....	3	FSM 424—Inst. Organ. & Management .....	3
FSM 315—Food Standards, Sanitation & Hygiene .....	3	BUA 481—Cost Accounting .....	3
FNU 401—Experimental Foods .....	4	FSM 442—Special Probs. in Food Service .....	3-6
	17		14-17

## Food Service Management

## (Associate Degree)

## FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
BUA 112—Business Math .....	3	FNU 102—Basic Nutrition .....	3
FSM 301—Intro. to Food Service Industry .....	2	*FSM 314A—Quantity Food Production .....	6
FSM 311—Intro. to Quantity Food Production .....	4	FNU 201—Meal Planning and Elective (Humanities) .....	3
FSM 313—Institutional Equip. ....	3	Table Service .....	3
	15		*18

\*FSM 314B Summer Practicum (3 hours).

## SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 201—Public Speaking .....	2	Elective (Social Science) .....	3
BUA 333—Personnel Admin. ....	3	First Aid and Safety .....	2
BUA 261—Principles of Accounting ..	3	BUE 204—Business Communications ..	3
FSM 411—Food Purchasing .....	4	FSM 424—Food Service Organization and Mgt. ....	3
Elective (Social Science or Humanities)	3	FSM 442—Special Problems in Food Service .....	3-6
FSM 315—Food Standards, Sanitation & Hygiene .....	3	FSM 420—Visiting Lecturer Series ...	2
	18		16-19

## COURSE DESCRIPTIONS

CHILD DEVELOPMENT AND FAMILY RELATIONS 101 *Introduction to Early Childhood Education.*

Examines various program models and philosophies of Early Childhood Education as well as a basic introduction to the over-all needs of young children. (Lecture, field trips and observation). Credit 2 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 102. *Family Development.*

Examines the stages of the family life cycle and inter-personal relationships among family members. (Lecture and discussion). Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 203. *Child Care and Development I.*

Examines the physical, mental, social and emotional growth of the child from conception through 2 years. (Lecture, discussion and observation). Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 204. *Child Care and Development II.*

Examines the physical, mental, social and emotional growth of the child from three to five years. (Lecture, discussion and observation). Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 315. *Child Guidance.*

Intense studies of child development theories and guidance techniques. (2 hrs. lecture—2 hrs. laboratory. Prerequisites: CDF 203 and 204 or consent of instructor. Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 306. *Marriage and Family Relationships.*

Problems affecting marriage and family living and personal adjustment necessary for family living. (Lecture and discussion). Prerequisites: CDF 102 or consent of instructor. Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 307. *Child and the Family.*

Examines different methods of child rearing in alternate family structures and roles of parents in child-rearing. (Lecture and discussion). Prerequisite: consent of instructor. Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 305. *Materials and Methods in Early Childhood Education.*

Preparation, selection and evaluation of instructional materials for Early Childhood Programs. (Lecture and discussion). Prerequisites: CDF 203 and 204 or consent of instructor. Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 408. *Organization and Administration of Early Childhood Programs.*

Organization and administration, including housing, equipment, programs, rec-



ords, parent co-operation. (Lecture, field trips and discussion). Prerequisite: consent of instructor. Credit 4 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 407. *Advanced Practicum in the Early Childhood Programs.*

Supervised Practicum in the Early Childhood Learning Center. (8 hrs. laboratory, 2 hrs. discussion and lecture). Credit 6 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 409. *Seminar in Family Life*  
Current principles, practices and analysis of factors affecting family life today. (Lecture and discussion). Prerequisite: CDF 102 and CDF 306 or consent of instructor. Credit 3 hours.

CHILD DEVELOPMENT AND FAMILY RELATIONS 427. *The Nursery School.*  
Examines the history and philosophy of nursery school. (Lecture and discussion). Prerequisite: consent of instructor. Credit

CHILD DEVELOPMENT AND FAMILY RELATIONS 400. *Special Problems in Child Development or Family Relations.*

An individual problems course under the direction of a faculty member dealing with an area of special interest. Consent of instructor. Credit 1 to 3 hours.

\*Courses with prerequisite may be taken on a concurrent basis or out of sequence with the consent of the instructor.

## COURSE DESCRIPTIONS

### HOME ECONOMICS EDUCATION

HOME ECONOMICS 100. *Introduction to Home Economics (Freshmen).*

Designed to acquaint students with the history, development and scope of home economics as a profession. Career opportunities in home economics are explored as well as emphasis on personal and social adjustment to the college community. Credit 1 hour.

HOME ECONOMICS 208. *Housing Problems and Policies.*

Analysis of factors making housing a problem. Standards and governmental problems related to housing. Credit 3 hours.

HOME ECONOMICS 300. *Family Health.*

A consideration of the responsibilities of various members of the family in promoting health in the home and in the community. Techniques in home nursing. Credit 2 hours.

HOME ECONOMICS 303. *Household Equipment.*

Principles involved in the selection, construction, operation, and care of household equipment, and their relation to the well-being of the family. Credit 3 hours.

HOME ECONOMICS 304. *Home Furnishings and Design.*

Planning and decorating the house to meet personal and economical problems involved in comfortable present-day living. Trends in home furnishings, design, arrangements, color in use as background information. Prerequisites: HEC 100, 108, 204, and 208.

HOME ECONOMICS 306. *Home Management Theory.*

Philosophy and principles of the management process and its use in coping with managerial aspects of the home. Study of time, energy and money management and the application of work simplification techniques. Credit 2 hours.

HOME ECONOMICS 308. *Family Consumer Problems.*

Analysis of family economical aspects; responsibility of family members in em-

playing effective measures toward getting maximum benefit from family income. Credit 3 hours.

HOME ECONOMICS 408. *Home Management Residence.*

Supervised living in Home Management Residence. Management experiences, application of skills and techniques of homemaking as food planning, purchasing, preparation and service, housing maintenance and group relationships. Senior standing. Credit 3 hours.

HOME ECONOMICS 410. *Methods of Teaching Home Economics.*

Principles and techniques basic to teaching home economics in secondary schools; curricula organization, selection and evaluation of instructional materials, department organization, program planning, methods of teaching and effective use of teaching materials. Junior standing. Credit 3 hours.

HOME ECONOMICS 411. *Adult Education in Home Economics.*

Characteristics of adult learners, organization of adult programs, and methods of teaching adults. Credit 2 hours.

HOME ECONOMICS 412. *Supervised Teaching in Home Economics.*

Observation, participation, and teaching vocational home economics at the secondary level. Credit 8 hours.

HOME ECONOMICS 413. *Methods and Materials for Teaching Occupational Home Economics.*

Methods and materials for teaching occupational home economics at the secondary and post-secondary level. Credit 3 hours.

## COURSE DESCRIPTIONS

### TEXTILES, CLOTHING AND MERCHANDISING

HOME ECONOMICS 101. *Introduction to Art and Design.*

Theory and practical application of basic concepts in the organization and evaluation of design, with emphasis upon the contribution of design to everyday life. Credit 3 hours.

HOME ECONOMICS 102. *Applied Art and Design.*

Continuation of HEC 101. Prerequisites: HEC 101. Credit 3 hours.

TEXTILES AND CLOTHING 100. *Social and Psychological Aspects of Clothing.*

Cultural, aesthetic, functional and technological factors as they interact to determine the meaning and use of clothing and textiles for the individual and society. Credit 3 hours. Prerequisite: at least 3 hours each from the areas of sociology and psychology.

TEXTILES AND CLOTHING 102. *Principles of Clothing Construction.*

Principles of fitting and pattern alteration as applied in basic garments with emphasis on design quality and construction compatibility.

TEXTILES AND CLOTHING 201. *Advanced Clothing Construction.*

Practical experience in constructing garments of wool and more delicate fibers employing tailoring methods as well as speed techniques. Prerequisite: Principles of Clothing Construction 102. Credit 3 hours.

TEXTILES AND CLOTHING 214. *Consumer Textiles.*

Fibers, yarns, fabrics and finishes in their relationship to apparel and household fabrics. Prerequisite: Chemistry TCL 100. Credit 3 hours.

TEXTILES AND CLOTHING 307. *Textile Testing.*

Standard testing procedures and equipment used in determining the physical and chemical characteristics of fibers, yarns, and fabrics, and of the statistical

methods employed in data evaluation. Prerequisite: Consumer Textiles TCL 214. Credit 3 hours.

TEXTILES AND CLOTHING 317. *Historic Costume.*

Outstanding historic modes in dress for men and women from early times to the present day. Prerequisites: HEC 101, HEC 102. Credit 3 hours.

TEXTILES AND CLOTHING 327. *Fashion Merchandising.*

Application of principles and practices of merchandising to the retailing of consumer goods and services. Prerequisite: Principles of Marketing BUA 351 and students must have successfully complete all course requirements to this level. Credit 4 hours.

TEXTILES AND CLOTHING 337. *Fashion Analysis.*

Study and analysis of the dynamic nature of fashion and the inter-acting forces which shape fashion trends in apparel. Credit 3 hours.

TEXTILES AND CLOTHING 400. *Special Problems in Textiles, Clothing or Merchandising.*

An individual problems course involving directed readings and/or laboratory or field experiences under the direction of a faculty member on some problem of mutual interest. Field experiences may include work with families, business or industry. Credit 1-3 hours.

TEXTILES AND CLOTHING 422. *Internship.*

One semester of practical experience with pay in a large department store, specialty store or with a clothing or home furnishings manufacturer. Students are given formal instruction and supervision. Scheduled only by pre-arrangement. Prerequisite: Must have successfully completed all coursework listed in the catalogue through the Junior Year. Credit 12 hours.

TEXTILES AND CLOTHING 304. *Home Furnishings and Design.*

Planning and decorating the house to meet personal and economical problems involved in comfortable present day living. Trends in home furnishings, design, arrangements, color in use as background information. Prerequisites: HEC 101, HEC 102, TCL 100. Credit 3 hours.

## COURSE DESCRIPTIONS

### FOODS—NUTRITION

FOODS—NUTRITION 101. *Introduction to Foods.*

Source, selection, preparation and preservation of food materials, individual laboratory problems illustrating principles of cookery and their application. Credit 3 hours.

FOODS—NUTRITION 102. *Basic Nutrition.*

Principles of nutrition related to health; emphasis on understanding functions of nutrients, nutritional needs of people, world nutritional problems today, and on the physiological, social, psychological and economic influences of food on man. Credit 3 hours.

FOODS—NUTRITION 202. *Meal Planning and Table Service.*

Content covers planning, preparation, and service of meals with emphasis on the management of time, energy and money as well as the efficient use of equipment. Consideration is given to nutritional needs, food habits, and social customs of family groups. Prerequisite: FNU 101. Credit 3 hours.

FOODS—NUTRITION 203. *Maternal and Child Nutrition.*

Nutrition as it effect physical growth and development of individuals; empha-

sis on understanding the interrelationship between physiological changes and nutritional needs during the reproductive cycle, infancy, early childhood and adolescence. Credit 2 hours.

FOODS—NUTRITION 321. *Nutritional Biochemistry.*

To develop an understanding of the intermediary metabolism of carbohydrates, lipids, amino acids, and nucleic acids and of experimental evidence of the biological pathways in the human body. The interrelationship of the inorganic and organic compounds (including vitamins, enzymes, and hormones) in structures and regulatory functions is also included. Prerequisite: CHE 200. Credit 3 hours.

FOODS—NUTRITION 321. *Biochemical Analysis.*

To learn basic techniques in biochemistry and have opportunities to become acquainted with modern instrumentation. For Dietetic majors only. Prerequisite: FUN 321 or may take both concurrently. Credit 1 hour.

FOODS—NUTRITION 401. *Experimental Foods.*

Study of chemical and physical changes in food storage and preparation. Development of experimental techniques and opportunities for individual studies. Prerequisites: FNU 202 and CHE 200. Credit 4 hours.

FOODS—NUTRITION 403. *Community Nutrition.*

Survey of current public health nutrition problems. Investigation and participation in solving these problems with programs of the local agencies. Field experience in conjunction with the program. Prerequisite: FNU 102. Credit 3 hours.

FOODS—NUTRITION 421. *Advanced Nutrition.*

Human requirements for dietary essentials as modified by age, sex, occupation and other factors. Construction of practical diets to meet requirements. Prerequisites: CHE 200, FNU 321 and BIO 108. Credit 3 hours.

FOODS—NUTRITION 422. *Therapeutic Nutrition.*

Nutrition related to disease conditions; physiological basis for the use of therapeutic diets in certain disease. Prerequisite: FNU 421. Credit 3 hours.

FOODS—NUTRITION 442. *Special Problems in Foods and Nutrition.*

Independent study designed to integrate concepts through supervised experiences in the area of Foods and/or Nutrition research. Senior standing in Foods and Nutrition curriculum with a permission from the instructor. Credit 2-4 hours.

## COURSE DESCRIPTIONS

### FOOD SERVICE MANAGEMENT

FOOD SERVICE MANAGEMENT 301. *Introduction to Food Service Industry.*

History and organization of the Food Service Industry, from its beginning to the present. Credit 2 hours.

FOOD SERVICE MANAGEMENT 311. *Introduction to Quantity Food Production.*

Food terms, basic cooking methods, basic principles of food preparation, the functions of food materials in cooking, and the techniques of using a standardized recipe. Credit 4 hours.

FOOD SERVICE MANAGEMENT 313. *Institutional Equipment.*

Selection, care and maintenance of food service equipment. Field experience required. Credit 3 hours.

FOOD SERVICE MANAGEMENT 314A. *Quantity Food Production.*

Basic principles, standards and practices involved in large quantity food produc-

tion of salads, soups, sauces, beverages, sandwiches, vegetables and basic deserts. Adjustment of recipes and development of standard recipes from small recipes. Prerequisites: FSM 311, FSM 313. Credit 3 hours.

FOOD SERVICE MANAGEMENT 314B. *Summer Practicum.*

Work experience in an approved food service operation. Credit 3 hours.

FOOD SERVICE MANAGEMENT 315. *Food Standards, Sanitation and Hygiene.*

Bacterial growth, food borne diseases, bacterial and chemical food poisoning, control of rodents and insects, contaminants, prevention of contamination, sanitary handling of food and utensils, and control of disease through proper storage. Credit 3 hours.

FOOD SERVICE MANAGEMENT 411. *Quantity Food Purchasing and Marketing.* Federal government regulations for the protection of the consumer; marketing functions as related to the principles, standards and practices involved in purchasing processed and fresh foods for quantity food production. Credit 4 hours.

FOOD SERVICE MANAGEMENT 420. *Visiting Lecturer Series.*

Current trends and problems in the Food Service Industry. Credit 2 hours.

FOOD SERVICE MANAGEMENT 424. *Food Service Organization and Management.*

Organization, planning, controlling and directing in the Food Service Industry. Prerequisite: BUA 333. Credit 3 hours.

FOOD SERVICE MANAGEMENT 442. *Special Problems in the Food Service Industry.*

A. Layouts and Design

B. Personnel Problems

C. Selected Problems in the Food Service Industry.

Prerequisite: Permission of Instructor. Credit 3-6 hours.

## DEPARTMENT OF INDUSTRIAL EDUCATION

The preparation of educational and industrial personnel is a primary consideration in the Department's organizational structure. The major program objectives are: (1) to develop personnel for teaching positions in junior and senior high schools, (2) to develop personnel for employment in technical and related industrial occupations, (3) to provide opportunities for those who wish to pursue industrial education offerings for personal enrichment, and (4) to provide a foundation for graduate education.

For on-campus instruction in technical subjects, the Department of Industrial Education is housed in W. Frank Shauntee Hall, a building with modern architectural features. Classrooms and laboratories are available for instruction in wood processing, general metals, machine tool processing, industrial and recreational crafts, electricity/electronics, power, drafting and design, manufacturing problems, and professional industrial education courses. Also, this facility houses auxiliary rooms such as offices and conference rooms.

Three undergraduate programs are offered by the Department of Industrial Education. They are: *Industrial Arts Teacher Education*, *Industrial Technology (Baccalaureate Degree Level)*, and *Industrial Technology (Associate Degree Level)*.

## INDUSTRIAL ARTS TEACHER EDUCATION

The Industrial Arts Teacher Education Program is designed to prepare students for industrial arts teaching positions in junior and senior high schools. Teachers of industrial arts are identified with a very exciting field since the content which they teach is derived from industries and their technologies. There is an opportunity to teach others about materials, tools, processes, products, and occupations of industry, as well as the contributions of those engaged in industry and fields related to industrial education. In addition to teaching in public schools, one may find rewarding experiences and opportunities in other types of teaching and in allied fields.

A student at Kentucky State University may choose one of two curricula options in industrial arts teacher education. They are: *Industrial Arts Area Concentration* and *Industrial Arts Major*. Each option requires a minimum of 132 semester hours of course credit which consists of general and professional education courses and required industrial education courses to acquire an industrial art area concentration or industrial art major. Each option also leads to the Bachelor of Science degree, the Kentucky Provisional High School Certificate, and provides a foundation for graduate education.

A minimum of 48 semester hours is required for the *teaching area concentration in industrial arts*. Of this amount, at least 45 hours shall be in laboratory courses, plus 3 hours in Industrial Education 471. Laboratory courses in industrial arts consist of experiences in at least five of the following areas: crafts, drafting, electricity, general shop, graphic arts, metals, power mechanics, and wood. The maximum hours in any one area shall not exceed 18 semester hours.

## CURRICULUM IN INDUSTRIAL ARTS EDUCATION (INDUSTRIAL ARTS AREA CONCENTRATION)

### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition ....	3	ENG 102—English Composition ....	3
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
BIO 101—Life Science ....	3	BIO 102—Life Science ....	3
INE 101—Drafting Fundamentals I .	3	INE 102—Drafting Fundamentals II .	3
INE 161—Basic Woodwork ....	3	INE 164—Machine Woodwork ....	3
GUI 100—Freshman Orientation ...	1	PHE —Activity .....	1
PHE —Activity .....	1	*Math. Elective(+) .....	3
	17		19

### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 211—Intro. to Literature ....	3	*Humanities Elective (++) .....	3
SOC 201—Intro. to Social Science ..	3	SOC 202—Intro. to Social Science ..	3
PHS 201—Intro. to Physical Sci. ...	3	PHS 202—Intro. to Physical Sci. ...	3
PSY 200—General Psychology ....	3	EDU 222—Human Develop. and	
INE 121—Basic Electricity ....	3	Psy. II .....	3
PHE —Activity .....	1	INE 221—Basic Electronics I ....	3
		PHE —Activity .....	1
		*Elective .....	0-3
	16		16-19

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
**ENG 103—Fundamentals of Speech	3	**PHI 200—Intro. to Philosophy,	
INE 231—General Shop I	3	PHI 210—Logic, or Humanities	
INE 141—General Metals	3	Elective(+++) .....	3
INE 225—Res. Electricity or		INE 209—Industrial Design	3
INE 321—Basic Electronics II	3	INE 241—Machine Tool	
INE 371—Foundations of I.A. Ed.	3	Processing I .....	3
ECO 211—Prin. of Econ. or		INE 332—General Shop II	3
SOC 102—Prins. of Geography	3	PHE 221—Health and Safety	2
	18		14

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 305—Contemporary Social Prob.	3	EDU 410—Methods of Teach. I.A.	3
INE 206—Architectural Drafting I	3	EDU 412—Adm. of Pub. Schools	3
INE 242—Manuf. Process	3	EDU 452—Fundamentals of Sec. Ed.	3
INE 363—Cabinetmaking or		EDU 400—Supervised Teaching	8
INE 151—Power Mechanics	3		
INE 471—Instructional Materials	3		
	15		17

\*As approved by advisor.

\*\*May be taken either semester. May substitute ENG 201—Public Speaking.

(+) Math. 100 or 101.

(++) Fine Arts (music, art, drama).

(+++ ) Humanities elective. Courses may be selected from literature, fine arts, journalism, speech and/or philosophy.

## INDUSTRIAL ARTS MAJOR

This option is designed for those who expect to teach in junior or senior high schools which require a broad technical background of industrial arts teachers, and who also desire preparation for teaching in another subject area. Students who pursue a major in industrial arts must also pursue an approved teaching minor.

The *teaching major* in industrial arts consists of a minimum of 36 semester hours. Of this amount, at least 33 hours shall be in laboratory courses, plus 3 hours in Industrial Education 471. Laboratory courses shall comprise a minimum of six hours each in at least three of the areas listed above for the area concentration. One of the areas must be drafting. The maximum in any one area shall not exceed nine semester hours for the major.

## CURRICULUM IN INDUSTRIAL ARTS EDUCATION

## (Industrial Arts Major)

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition	3	ENG 102—English Composition	3
HIS 101—World Civilization	3	HIS 102—World Civilization	3
BIO 101—Life Science	3	BIO 102—Life Science	3
INE 101—Drafting Fundamentals I	3	INE 102—Drafting Fundamentals II	3
INE 161—Basic Woodwork	3	INE 164—Machine Woodwork	3
GUI 100—Freshman Orientation	1	PHE —Activity	1
PHE —Activity	1	*Math Elective(+) .....	3
	17		19

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature	3	*Humanities Elective (++)	3
SOC 201—Intro. to Social Science	3	SOC 202—Intro. to Social Science	3
**SCI 201—Intro. to Physical Sci.	3	**SCI 202—Intro. to Social Science	3
PSY 200—General Psychology	3	EDU 222—Human Develop. and	
INE 121—Basic Electricity	3	Psy. II .....	3
PHE —Activity	1	INE 221—Basic Electronics I	3
*Elective (Gen. Ed. or Minor)	3	PHE —Activity	1
	19	*Elective (Gen. Ed. or Minor)	3
			19

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
***ENG 103—Fundamentals of Speech	3	***PHI 200—Intro. to Philosophy,	
***ECO 211—Prins. of Economics or		PHI 210—Logic, or Humanities	
SOC 102—Prin. of Geography	0-3	Elective(+++) .....	3
INE 141—General Metals	3	PHE 221—Health and Safety	2
INE 231—General Shop I	3	INE 241—Machine Tool Processing I	3
INE 371—Foundations of I.A. Ed.	3	INE 332—General Shop II	3
*Elective (Minor)	3	*Elective (I.Ed., Gen. Ed., or	
		Minor) .....	20-3
		*Elective (Minor)	3
	15-18		14-17

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 305—Contemporary Social Prob.	3	EDU 410—Methods of Teach. I.A.	3
INE 471—Instructional Materials	3	EUD 412—Adm. of Pub. Schools	3
(+) I.Ed. Elective	3	EDU 452—Fundamentals of Sec. Ed.	3
*Elective (I.Ed., Gen. Ed., or		EDU 400—Supervised Teaching	8
Minor)	3-6		
	12-15		17

\*As approved by advisor.

\*\*Students who minor in Chemistry will enroll in CHE 101, 102 in stead of SCI 201, 202.

\*\*\*May be taken either semester. May substitute ENG 201—Public Speaking.

\*\*\*Required of all students who do not minor in Economics.

(+) Math. elective may be 100 or 101.

(++) Fine arts (music, art, drama).

(+++ ) Select from literature, fine arts, journalism, speech or philosophy.

(+) Select from INE 151, 206, 242, 321, 363.

## INDUSTRIAL TECHNOLOGY: BACCALAUREATE DEGREE PROGRAM

This program consists of a four-year curriculum with a major in *Manufacturing* which prepares students for employment in manufacturing establishments in middle management line and staff positions. The curriculum is designed to produce students having a broad spectrum of managerial and technical skills. It is job cluster oriented. The sequence of courses or experience is arranged to provide four levels of career opportunities, based upon each academic year completed. The four levels are: (1) entry level skills, after completion of two semesters of course work, (2) mid- or technician-level skills, after completing four semesters, (3) advanced technician level skills, after completing six semesters, and (4) technologist level skills after completing all course work of the curriculum. Examples of career opportunities at these four levels are:

**FIRST LEVEL** —basic mechanical draftsman, detail draftsman, letterer, detailer, beginning welder, tool clerk, beginning lathe operator, beginning shaper operator, beginning milling machine operator, beginning drill press operator, basic surface grinder, materials tester.

**SECOND LEVEL**—basic machinist, basic production machine operator, maintenance machinist, production planner, machine tool troubleshooter, material controller, technician.

**THIRD LEVEL**—quality control inspector, tape control technician, production planner, machine tool troubleshooter, methods and time study clerk, basic N/C programmer, specifications checker, basic electrical assembler, specifications checker, manufacturer's representative technician.

**FOURTH LEVEL**—technologist, or professional person who possesses managerial and technical skills.

A minimum of 131.5 semester hours of credit is required to earn the Bachelor of Science degree in Technology with a Major in Manufacturing.

## CURRICULUM IN MANUFACTURING TECHNOLOGY

### (Major)

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
MAT 101—Elem. Functions from College Algebra .....	3	MAT 102—Trigonometry .....	3
INE 100A—Industrial Technology Orientation .....	1	INE 102—Drafting Fundamentals II .....	3
INE 101—Drafting Fundamentals I .....	3	INE 106—Slide Rule (Optional) .....	0-1
INE 141—General Metals .....	3	INE 241—Machine Tool Processing I .....	3
PHE —Activity .....	1	(+) INE 245—Industrial Materials and Processes .....	3
GUI 100—Freshman Orientation .....	1	(+) INE 246—Material Testing .....	1
	15	PHE —Activity .....	1

#### SUMMER

INE 240—Industrial Internship Orientation ..... 0-3

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 101—Life Science .....	3	BIO 201—Environment Biology .....	3
PHS 201—Physical Science .....	3	PHS 202—Physical Science .....	3
BUA 121—Intro. to Business .....	3	ECO 212—Principles of Economics II .....	3
ECO 211—Principles of Economics I .....	3	INE 243—Manufacturing Functions .....	3
INE 242—Manufacturing Processes I .....	3	INE 247—Production Planning .....	3
PHE —Activity .....	1	PHE —Activity .....	1
	16		16

#### SUMMER

INE 340—Industrial Internship (Technical or Managerial) ..... 6

#### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
ENG 211—Intro. to Literature .....	3	Fine Arts (Music, Art, Drama) .....	3
COS 101—Programming I Fortran) .....	3	PHE 221—Health and Safety or	
INE 248—Motion and Time Study .....	3	INE 372—Industrial Safety .....	2-3
INE 343—Quality Control .....	3	INE 221—Basic Electronics I .....	3
*Elective .....	0-3	INE 346—Numerical Control .....	3
	15-18	*Elective .....	0-3

#### SUMMER

INE 440—Industrial Internship (Technical or Managerial) ..... 6

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MGT 323—Prins. of Management .....	3	MGT 333—Personnel Administration .....	3
ENG 103—Fundamentals of Speech, or		ENG —or	
ENG 201—Public Speaking, or		PSY 402—Industrial Psychology .....	3
(++) Humanities Elective .....	3	(++) Humanities Elective .....	3
PSY 200—General Psychology .....	3	**Elective (Technical or Managerial) .....	3-6
INE 473—Plant Layout and Design .....	3		
**Elective (Technical or Managerial) .....	3-6		
	15-18		12-15

\*As approved by advisor. (An additional course(s) in mathematics and/or physical science is recommended.)

#### \*\*Electives (Technical)

INE 151—Power Mechanics I .....	3
INE 209—Industrial Design .....	3
INE 321—Basic Electronics II .....	3
INE 322—Basic Electronics III .....	3
INE 332—General Shop II .....	3
INE 342—Manuf. Processes II .....	3
(Required of those who elect the technical core.)	
INE 344—Forming and Heat Treatment .....	3
INE 353—Fund. of Hydraulics .....	3

#### \*\*Electives (Managerial)

BUA 321—Business Law .....	3
BUA 322—Business Law .....	3
MGT 351—Prins. of Marketing .....	3
ECO 324—Labor Problems .....	3
INE 477—Production Management .....	3
(Required of those who elect the managerial core.)	

(+) Courses must be taken concurrently.

(++) Humanities Elective: Courses may be selected from literature, fine arts, journalism, speech, foreign language and/or philosophy. If a foreign language is chosen, it must be for six semester hours.

## INDUSTRIAL TECHNOLOGY: ASSOCIATE DEGREE PROGRAM

Through its associate degree program, the Department offers two-year curricula in industrial technology which are designed to prepare for and upgrade technicians in occupational areas within public and private sectors.

Students who wish to earn the Associate in Applied Science degree must successfully complete a minimum of 64-66 semester hours of credit depending upon their respective occupational area (major). Full and part-time students may choose one of the following majors: Drafting and Design Technology, Electronics Technology, Metals Technology, Fire Service Technology. Students who were enrolled in Architectural Drafting Technology and Civil Drafting Technology prior to May 7, 1976, may continue to pursue these majors. The terminal date for completion of all technical (INE) courses in these two majors must meet the approval of the Department Chairman.

Job titles assigned technicians by employing agencies vary, however, some examples are Service Technician, Technical Consultant, Industrial Laboratory Assistant, Salesman, Service Manager, Electronics Technician, Draftsman, Detailer.

## CURRICULUM IN DRAFTING AND DESIGN TECHNOLOGY

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
MAT 100—College Algebra .....	3	MAT 102—Trigonometry .....	3
CHE 100 or CHE 101—General Chemistry .....	4-5	INE 100B—Ind. Tech. Orientation .....	1
HIS 101—World Civilization or		INE 103—Drafting Fundamentals II .....	3
HIS 201—United States History .....	3	INE 104—Descriptive Geometry .....	3
INE 100A—Ind. Tech. Orientation .....	1	INE 106—Slide Rule .....	1
INE 101—Drafting Fundamentals I .....	3	INE 241—Machine Tool Processing or	
	17-18	*Technical (INE) Elective .....	3



## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Principles of Economics .. 3		INE 202—Technical Illustration .... 3	
SCI 207 or 211 General Physics ..... 3-4		INE 205—Civil Drafting II	
INE 141—General Metals		or	
INE 242—Manufacturing Processes		INE 207—Architectural Drafting II ... 3	
or		INE 209—Industrial Design ..... 3	
Technical (INE) Elective ..... 3		(+) INE 245—Industrial Materials & Processes ..... 3	
INE 204—Civil Drafting I ..... 3		(+) INE 246—Material Testing ..... 1	
INE 206—Architectural Drafting I ... 3		*Elective ..... 3	
*Elective (ART or INE) ..... 0-3			
	15-19		16

\*As approved by advisor.  
(+) Courses must be taken concurrently.

## CURRICULUM IN ELECTRONICS TECHNOLOGY

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition ..... 3		ENG 102—English Composition ..... 3	
MAT 101—College Algebra ..... 3		MAT 102—Trigonometry ..... 3	
CHE 100—General Chemistry ..... 4		HIS 102—World Civilization ..... 3	
HIS 101—World Civilization ..... 3		INE 100B—Ind. Tech. Orient. .... 1	
INE 100A—Ind. Tech. Orient. .... 1		INE 106—Slide Rule ..... 1	
INE 121—Basic Electricity ..... 3		INE 221—Basic Electronics I ..... 3	
	17	INE 225—Residential Electricity .... 3	
			17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Principles of Economics .. 3		INE 102—Drafting Fundamentals II . 3	
SCI 207 or 211 General Physics ..... 3-4		INE 202—Technical Illustration II . 3	
INE 101—Drafting Fundamentals I . 3		(+) INE 245—Industrial Materials & Processes ..... 3	
INE 141—General Metals ..... 3		(+) INE 246—Material Testing ..... 1	
INE 321—Basic Electronics II ..... 3		INE 322—Basic Electronics III ..... 3	
	15-16	*Elective ..... 3	
			11

Total for Two Years. 65-66

\*As approved by Advisor.  
(+) Courses must be taken concurrently.

## CURRICULUM IN METALS TECHNOLOGY

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition ..... 3		ENG 102—English Composition ..... 3	
MAT 101—College Algebra ..... 3		MAT 102—Trigonometry ..... 3	
CHE 100—General Chemistry ..... 4		HIS 102—World Civilization ..... 3	
HIS 101—World Civilization ..... 3		INE 100B—Ind. Tech. Orient. .... 1	
INE 100A—Ind. Tech. Orient. .... 1		INE 106—Slide Rule ..... 1	
INE 101—Drafting Fundamentals I .. 3		INE 102—Drafting Fundamentals II . 3	
	17	INE 241—Machine Tool Processing I. 3	
			17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Principles of Economics ... 3		INE 144—Welding ..... 2	
INE 141—General Metals ..... 3		INE 345—Machine Shop Production	
INE 203—Machine Design		or	
INE 242—Manufacturing Processes I. 3		INE 342—Manufacturing Processes II. 3	
INE 344—Forming and Heat Treatment ..... 3		(+) INE 245—Industrial Materials & Processes ..... 3	
*Elective ..... 5-6		(+) INE 246—Material Testing ..... 1	
		INE 247—Production Planning ..... 3	
		INE 348—Tool Design	
		or	
		INE 209—Industrial Design ..... 3	
	17-18		15

\*As approved by Advisor.  
(+) Courses must be taken concurrently.

Total for Two Years: 66 or 67

## CURRICULUM IN FIRE SERVICE TECHNOLOGY

This two-year curriculum is designed to prepare individuals for technical and management positions within the fire service sector and help meet related community needs. Modern fire fighting techniques caused by technological changes, the need to adequately cope with public service problems, and the management of fire service programs require intelligent leadership and dedicated personnel who are thoroughly prepared in fire service.

Employment opportunities would be in agencies such as local fire departments, industrial plants having safety and fire prevention programs, fire underwriter's group, and law enforcement.

The fire service courses are offered on Saturday and evenings.

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition ..... 3		***BUE 204—Business Communication 3	
MAT 100—Fundamentals of Math ... 3		(*) BUA 121—Intro. to Business ..... 3	
PHS 201—Physical Science ..... 3		PHS 202—Physical Science ..... 3	
FST 101—Fire Department Administration ..... 3		(*) ECO 211—Principles of Economics . 3	
FST 103—Fire Prevention ..... 3		FST 104—Fire Suppression Tactics and Strategy ..... 3	
	15	FST 164—Building Codes & Construction ..... 3	
			18

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PSY 200—General Psychology ..... 3		MGT 333—Personnel Administration .. 3	
POS 201—Metropolitan Government . 3		FST 206—Fire Department Hydraulics ..... 3	
FST 203—Hazardous Materials ..... 3		FST 222—Fire Science Internship ... 3	
FST 204—Fire Detection & Suppression Systems ... 3		INE 225—Residential Electricity .... 3	
**POS 101—American Government		OAD 324—Records Management	
or		or	
BUA 321—Business Law		INE 246—Material Testing ..... 1	
or		**(*) POS 341—Intro to Public Admin.	
BUA 323—Principles of Management		or	
INE 121—Basic Electricity ..... 3		BUA 322—Business Law	
	15	or	
		ECO 212—Principles of Economics	
		or	
		INE 245—Industrial Materials and Processes ..... 3	
			16

Total for Two Years: 64

\*\*Students may elect government (Political Science), Management or Technology sequence. Prerequisites for MGT 321, BUA 323, or MGT 333 are ECO 211 and permission of the Department of Business and Economics.  
\*\*\*or ENG 102—English Composition.  
(\*) May be taken first or second semester.

## COURSE DESCRIPTIONS

## INDUSTRIAL EDUCATION (INE)

INDUSTRIAL EDUCATION 100A AND 100B. *Industrial Technology Orientation.*

An introduction to the importance of technology in human affairs. Discussion and readings will: (1) provide some insight into problems of man-machine relationships in industrial settings, (2) the impact of technological innovations on human choice, and (3) a historical view of man and his technology. Credit 1 hour. (Lect. 1).

INDUSTRIAL EDUCATION 101. *Drafting Fundamentals I.*

A basic course in engineering drawing with fundamentals in the use and care of instruments, lettering, and line construction. Basic rules of dimensioning, orthographic projection, auxiliary views, sectional and pictorial drawing. Course is open to all students. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 102. *Drafting Fundamentals II.*

Inked drawing. Section and conversions. Problems in machine drawing and surface development. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 104. *Descriptive Geometry.*

The representation of points, lines and planes in relative positions. Intersection of lines with plane surface; intersection of surfaces; sizes and shapes of plane areas, and development of curved surfaces. Credit 3 hours. (Lect. 2, Lab. 2).

INDUSTRIAL EDUCATION 106. *The Slide Rule.*

Slide rule involving scales, multiplications, division, roots, powers, and solutions of trigonometric formulas and triangles. Course is open to all students. Credit 1 hour. (Lect. 1).

INDUSTRIAL EDUCATION 121. *Basic Electricity.*

Basic study through intensive laboratory experimentation of instruments found in electricity/electronics laboratories and shops. Direct current, voltage and resistance measurements, law pertaining to DC. magnets and magnetic fields. Alternating current, capacitance, impedance, and inductance. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 141. *General Metals.*

Basic study of metal layout, design, and fabrication, covering bench metal, forging, heat treating, welding, metal properties, plumbing, and metal spinning. Course is open to all students. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 144. *Welding.*

Study of metal fabricating processes, including cutting and welding by the arc method, and combination work. Credit 2 hours. (Lab. 4).

INDUSTRIAL EDUCATION 151. *Power Mechanics I.*

Principles of power sources, basic mechanisms, disassembly, inspection, measurement, adjustment and tuneup of two and four cycle small gasoline engines. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 161. *Basic Woodwork.*

Introduction of wood technology, covering kinds, sources, basic characteristics and uses of wood and forest products; wood finishes, related materials, hardware, and wood industries; care and use of hand tools; simple jointing and wood processing. Course is open to all students. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 164. *Machine Woodwork.*

Problems in machine processing. Production work. Maintenance of woodworking machinery. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 202. *Technical Illustration.*

Problems in product and production design illustration, covering isometric, dimetric, trimetric, obliques, perspectives, shades, shadows, use of color in technical illustration, and airbrush techniques. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 203. *Machine Design.*

Problems in machine design, covering the development of cams, gears, and other linkage devices. Development of detailed and assembly drawing, with extensive use of machinist handbooks. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 204. *Civil Drafting I.*

Map drawing and reading, including topographic symbols, contours, projected locations, profile line and grade. Planning earth and concrete retaining structures. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 205. *Civil Drafting II.*

Construction of maps from field and route notes, reproducing and changing scales of maps. Surveying instruments. Use of special drafting instruments, and commercial drafting room practices. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 206. *Architectural Drafting I.*

Architectural problems involving the development of plans for a structure: foundation plan, floor plan, elevations, sectional views, detailed views, plot, and estimating and specifications. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 207. *Architectural Drafting II.*

Plot surveying and drawing. Layouts for plumbing, heating, and electric power. Perspective drawing and rendering. Extensive study of building plans, estimates, and specifications. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 209. *Industrial Design.*

Problems of product and process design in industry as special problems which concern the draftsman. Industrial arts students may select problems of design in furniture. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 221. *Basic Electronics.*

Review of basic electricity. Study starts with series and parallel circuits containing resistance, inductance and capacitance. Resonance and phase-shifting networks. Semiconductors and tube type diode circuits and all types of power supplies and rectifiers. Transistor and tube characteristics, DC and AC amplifiers (Intensive laboratory work with set-up and testing in each experiment.) Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 225. *Residential Electricity.*

Power wiring principles, (materials and problems involved). DC motor and generator principles, systems and controls. Study and examination of AC motors and alternators covering conditions affecting the line such as resistance, capacitance, and inductance relating to power factors. Credit 3 hours. (Lect. 1, Lab. 4).

INDUSTRIAL EDUCATION 231. *General Shop I.*

Introduction to industrial and recreational components which are not treated in other courses. Problems are drawn from components such as leather, graphic arts, art metal, and wood crafts. Course is open to all students. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 240. *Industrial Internship.***

Provides orientational experiences through cooperative agreement with an industrial firm. Work experience in the technical and trade occupations, such as processing, machine trades, and bench and structural work will be provided to orient the student to the basic workings of an industrial firm. Prerequisite: successful completion of the freshman year. Credit 0-3 hours, depending upon the nature of the cooperative agreement.

**INDUSTRIAL EDUCATION 241. *Machine Tool Processing I.***

Basic study of machine shop practice. Use of files, chisels, and other bench tools. Use of precision instruments. Basic experiences on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 242. *Manufacturing Processes I.***

(Formerly INE 341) Lectures, demonstrations and laboratory work relating to methods, types of experiments, and characteristics of operations of machines and machine tools. Primary emphasis is placed on the effect utilization of machines, materials, and processes. Credit 3 hours. Prerequisite: INE 241 (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 243. *Manufacturing Functions.***

A survey of the important activities of the production function of industrial firms. The functional activities to be studied include: Research and Development, Plant Engineering, Industrial Engineering, Purchasing, Production Planning and Control, Manufacturing and Quality Control. Credit 3 hours. (Lect. 3).

**INDUSTRIAL EDUCATION 245. *Industrial Materials and Processes.***

Properties of engineering materials, basic structure of materials (mechanical and chemical properties), and control of properties during production and fabrication. Analytical study of new industrial materials and their uses. Corequisite: INE 246. Credit 3 hours. (Lect. 3).

**INDUSTRIAL EDUCATION 246. *Material Testing.***

A study of simple stresses and elastic properties of various industrial materials. A combination of theory and laboratory course work designed to serve all applied science students. Corequisite: INE 245. Credit 1 hour (Lab. 2).

**INDUSTRIAL EDUCATION 247. *Production Planning.***

A study of planning, scheduling, routing and dispatching in manufacturing operations and production control systems. Laboratory problems include designing plant layout for efficient operation and control. Prerequisite: INE 242. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 248. *Motion and Time Study.***

A study of the principles and techniques involved in methods design and work measurements. Laboratory experiences include stop watch and micromotion studies of industrial operations and methods redesign, utilizing human engineering principles. Prerequisite: INE 242, INE 247. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 321. *Basic Electronics II.***

(Applied Electronics Communication). Further study in amplifiers, (tube and solid state). Detector circuits and T-R-F receivers. Oscillators of all types, Silicon control rectifier circuits, and integrated circuits. Course is completed with possible construction of student-designed project initiated by a paper to be turned in by mid-semester. All study is done in conjunction with both student and instructor-supervised laboratory experiments. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 322. *Basic Electronics III.***

(Applied Industrial Electronics). Study through lecture and laboratory experimentation of fundamentals of tubes and semiconductors as sensory, load and control devices. Special consideration is given to power supplies and rectifiers circuits, switching and timing circuits, amplifiers, and oscillators. Application of rectifiers with special emphasis on SCR circuits. Instantaneous timing and sequence controls. Amplifiers, receivers and oscillators used in industrial application. A paper (technical report) is prepared on a student-designed and constructed project. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 332. *General Shop II.***

Manufacture of non-metallic materials; Technical information and product development in plastics and ceramics; plastic fabrication, construction of molds and forms, and plastic tooling. Experience in industrial ceramic production, and developing problems and projects for clay. Credit 3 hours (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 342. *Manufacturing Processes II.***

Advanced Manufacturing Processes. A study of newer methods, techniques and processes used in today's modern industrial operations. Some of the processes that will be studied include: Ultrasonic Machining, Electron Beam Machining, Electrical Discharge Machining, Electrolytic Grinding, Laser Applications in Industry, Powder Metallurgy and others. Prerequisite: INE 242 or 6 semester hours of metals. Credit 3 hours (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 343. *Industrial Quality Control.***

Industrial quality control. Principles and methods of controlling the quality of manufactured goods. Although statistical methods are included, primary emphasis is upon gauging and inspection. Laboratory experiences include precision measurement and inspection equipment. Prerequisite: INE 242. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 344. *Forming and Heat Treatment.***

A study of the principles and techniques of welding, foundry and heat treatment. Laboratory experiences include arc welding, oxyacetylene welding, casting of non-ferrous metals, and heat treatment of ferrous metals. Prerequisite: INE 144 or 245. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 345. *Machine Shop Production.***

A complete machine tool of original design will be built. This project involves some use of student-built jigs and fixtures and principles of assembling and fitting all individual parts to form the complete machine. Modern precision inspection techniques will be correlated with all production processes. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 346. *Numerical Control Fundamentals.***

A study of the principles and techniques of controlling machine tools by means of numerical codes. Included is a study of E. I. A. and standards for numerical control. Prerequisite: INE 242, COS 101. Corequisite: INE 221. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 348. *Tool Design.***

The design of jigs, fixtures, punches, dies and other special tools of production. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 353. *Fundamentals of Hydraulics.***

A study of basic fluid mechanics with emphasis on principles of hydraulic power as applied to modern industrial equipment. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 363. Cabinetmaking.**

Advanced woodworking units; cabinet construction, related information; finishing of furniture products, care and maintenance of tools. Prerequisite: INE 164 or consent of instructor. Credit 3 hours. (Lect. 1, Lab. 4).

**INDUSTRIAL EDUCATION 371. Foundations of Industrial Arts Education.**

Historical and philosophical factors which have contributed to contemporary industrial arts education, and problems activities, requirements, and responsibilities of industrial arts teachers. Prerequisite: Junior standing. Credit 3 hours. (Lect. 3).

**INDUSTRIAL EDUCATION 372. Industrial Safety.**

Safety principles and practices as applied to industry and public sectors. Best safety practices relative to domestic, industrial and educational machinery. Department of Labor's application of OSHA Standard of health and safety. Credit 3 hours. (Lect. 3).

**INDUSTRIAL EDUCATION 440. Industrial Internship.**

Industrial internship in technical and/or managerial activities. Provides industrial experience through cooperative agreement with an industrial firm. Professional in-plant work experiences will be designed to fit the individual's interests—(Managerial or technical). Credit 6 hours.

**INDUSTRIAL EDUCATION 471. Instructional Materials.**

Advantages and disadvantages of written instruction. Types of instruction sheets. Proper choice and reproduction of instructional materials. Types of audio-visual instructional materials and their use. Credit 3 hours. (Lect. 3).

**INDUSTRIAL EDUCATION 473. Plant Layout and Design.**

A study of methods and techniques of planning the most effective arrangement of physical facilities for the manufacture of products. Laboratory problems will deal with equipment location, space utilization, layout for operations and control, and work flow and material handling. Prerequisite: INE 247. Credit 3 hours. (Lect. 2, Lab. 2).

**INDUSTRIAL EDUCATION 477. Production Management.**

A study of the principles and techniques required in managing a production system. Emphasis is upon the decision making function of a production manager. Prerequisite: MGT 323. Credit 3 hours. (Lect. 3).

**FIRE SERVICE TECHNOLOGY (FST)****FIRE SERVICE TECHNOLOGY 101. Fire Department Administration.**

Basic concepts and principles of fire department organization and administration. Includes a brief history of the development of the fire service; American Insurance Association Grading Schedule including fire department organization and objectives, evaluation of water supplies, manpower requirements, distribution of equipment and personnel, and fire alarm and communications systems. Credit 3 hours. (Lect. 3).

**FIRE SERVICE TECHNOLOGY 103. Fire Prevention.**

Organization for and function of fire prevention covering inspections, surveying and mapping procedures; and solutions to fire and life hazards through engineering, enforcement, and public relations related to fire prevention. Credit 3 hours. (Lect. 3).

**FIRE SERVICE TECHNOLOGY 104. Fire Suppression Tactics and Strategy.**

Methods of fire suppression tactics and strategy which treat the utilization of pre-plans, fire suppression manpower, equipment, and materials to suppress fires;

and disaster planning, mutual aid, and problems related to unusual fire suppression. Prerequisite: FST 101 or consent of instructor. Credit 3 hours. (Lect. 2, Lab. 2).

**FIRE SERVICE TECHNOLOGY 164. Building Codes and Construction.**

Building codes; building construction and occupancy classification as they relate to fire protection features such as building equipment, facilities, fire resistive materials, and high rise structures. Prerequisite: FST 103 or consent of instructor. Credit 3 hours. (Lect. 3).

**FIRE SERVICE TECHNOLOGY 203. Hazardous Materials.**

Physical properties, recognition, handling, storage, transportation, and flammability of solids, liquids, and gases; their reaction on heating and burning including the toxic gases involved; the handling, disposal, and inspection of radioactive materials; laws specific to hazardous materials; and fire fighting practices, pertaining to hazardous materials. Credit 3 hours. (Lect. 2, Lab. 2).

**FIRE SERVICE TECHNOLOGY 206. Fire Department Hydraulics.**

Review of fundamental mathematics; hydraulic laws and formulas as applied to fire service; application of laws and formulas in water supply problems. Prerequisite: FST 104, 204; MAT 100; PHS 202, or consent of instructor. Credit 3 hours. (Lect. 3).

**FIRE SERVICE TECHNOLOGY 222. Fire Science Internship.**

Work experience in a fire department for approximately five hours per week for eighteen weeks or ten hours per week for nine weeks. Prerequisite: 15 semester hours of applied fire service courses and departmental consent. Credit 3 hours.

**AVIATION TECHNOLOGY (AVT) 151. General Aeronautics.**

An historical survey of flight from antiquity through the jet age with emphasis on the development and use of aircraft in meeting transportation and national security needs, and the impact of aviation on career opportunities. (This is an aerospace technology core course.) Credit 3 hours. (Lect. 3).

**THE DEPARTMENT OF MATHEMATICS AND PHYSICS**

The objectives of the Department of Mathematics and Physics are:

1. To offer a major in Mathematics for those who plan to teach Mathematics in secondary schools and prepare for advanced study.
2. To give mathematics background needed by students who plan to enter areas of Science, Computer Science and Engineering.
3. To give a general picture of the important part Mathematics has played in the development of civilization in ancient and modern times.

**PLACEMENT TEST**

All students entering Kentucky State University are given a mathematics placement test. On the basis of test scores, students are placed in the basic courses in first year mathematics.

**MINORS IN MATHEMATICS**

A minimum of 18 hours is needed for a minor in Mathematics.

1. Grades of C and above must be carried by all persons taking a minor in Mathematics.
2. Mathematics 100, 103, 104, and 314 will not be allowed for credit toward a minor.
3. Students desiring to take Mathematics as their minor must obtain approval from the Chairperson of the Department.

## CURRICULUM I

## CURRICULUM FOR MATHEMATICS MAJORS WITHOUT CERTIFICATION

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 101—Elem. Funct. Col. Alg. ...	3	MAT 102—Trig. Funct. & Lin. Equations ...	3
ENG 101—English Composition ...	3	ENG 102—Eng. Composition ...	3
FRE 101—Elementary French or		FRE 102—Elementary French or	
GER 101—Elementary Ger. ....	3	GER 102—Elementary Ger. ....	3
BIO 103—Life Science ....	4	BIO 104—Life Science ....	4
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
GUI 100—Fresh. Orient. ....	1	PHE —Activity ....	1
PHE —Activity ....	1		
	18		17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 203—Calculus ....	3	MAT 204—Calculus ....	3
MAT 201—Plane Analytical Geom. ...	3	MAT 202—Solid Anal. Geom. ....	3
PSY 200—General Psychology ....	3	EDU 222—Human Dev. & Psy. II ...	3
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
ENG 211—Intro. to Literature ....	3	ENG 212—Intro. to Literature ....	3
PHE —Activity ....	1	PHE —Activity ....	1
	16		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 303—Differential Equations ...	3	MAT 309—Modern Geometry ....	3
Elective ....	8	Elective ....	8
PHY 211—Gen. Physics ....	4	PHY 212—Gen. Physics ....	4
PHE 221—Health & Safety ....	2	MAT 307—Linear Algebra ....	3
	17		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 403—Adv. Calculus I ....	3	MAT 404—Adv. Calculus II ....	3
MAT 401—Mod. Algebra I ....	3	MAT 402—Mod. Algebra II ....	3
Elective ....	12	Elective ....	9
	18		15

Total: 135 hours.  
 Math. Total: 39 hours.  
 Elective 37 hours, giving the student an opportunity to take a second major.

## CURRICULUM II

## CURRICULUM FOR MATHEMATICS MAJORS WITH CERTIFICATION

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 101—Elem. Funct. Col. Alg. ...	3	MAT 102—Trig. Funct. & Lin. Equations ...	3
ENG 101—Eng. Composition ...	3	ENG 102—Eng. Composition ...	3
FRE 101—Elementary French or		FRE 102—Elementary French or	
GER 101—Elementary Ger. ....	3	GER 102—Elementary Ger. ....	3
BIO 103—Life Science ....	4	BIO 104—Life Science ....	4
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
GUI 100—Fresh. Orient. ....	1	PHE —Activity ....	1
PHE —Activity ....	1		
	18		17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 203—Calculus ....	3	MAT 204—Calculus ....	3
MAT 201—Plane Anal. Geom. ....	3	MAT 202—Solid Anal. Geom. ....	3
PSY 200—General Psychology ....	3	EDU 222—Human Dev. & Psy. II ...	3
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
ENG 211—Intro. to Literature ....	3	ENG 212—Intro. to Literature ....	3
PHE —Activity ....	1	PHE —Activity ....	1
MUS 221—Music Apprec. ....	3		
	19		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 303—Diff. Equations ....	3	MAT 306—College Geom. ....	3
Elective (Minor) ....	6	Elective (Minor) ....	3
PHY 211—Gen. Physics ....	4	Elective (Pre-Professional) ....	3
EDU 401—Test and Measurements ...	3	MAT 307—Linear Algebra ....	3
PHE 221—Heath & Safety ....	2	PHY 212—Gen. Physics ....	4
	18	EDU 452—Fund. of Secondary Ed. ...	3
			19

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MAT 403—Adv. Calculus ....	3	EDU 412—Admin. of Public Schools. 3	
MAT 401—Mod. Algebra ....	3	EDU 410—Teaching of Math. ....	3
Elective (Minor) ....	9	EDU 400—Supervised Teaching ....	8
Elective (Pre-Professional) ....	3		
	18		14

## COURSE DESCRIPTION

MATHEMATICS 100. *Fundamentals of Mathematics.*

This course includes an introduction to the study of sets; the properties of the fundamental operations with respect to the natural numbers, whole numbers, integers, rational numbers, and real numbers, Algebraic expressions; solution sets for various open sentences including first degree inequalities and equations and quadratic equations; and relations and functions. MAT 100 is designed to meet the needs of students who show by their entrance tests, that they are not ready for 101. This course may not be used for credit towards a major in Mathematics. Credit 3 hours.

MATHEMATICS 101. *Elementary Functions from College Algebra.*

Topics introduced include sets, relations, functions, inequities, cartesian coordinates and logic. The functions defined and graphed are absolute value, linear, quadratic, exponential, logarithmic and circular. A brief discussion of rational functions is also included. Credit 3 hours.

MATHEMATICS 102. *Trigonometric Functions and Linear Equations.*

Basic properties of trigonometric circular functions and their graphs are given, including solutions to triangles and the inverse circular functions. Systems of equations in more than one variable and in particular solutions to linear systems of equation are developed. Combinations and permutations are briefly discussed. Prerequisite: MAT 101. Credit 3 hours.

MATHEMATICS 103. *Foundations of Mathematics for Elementary Teachers*

Nature of mathematics, role of mathematics in our culture. Sets, whole number system, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention will be given to needs of elementary teachers. Prerequisite: 2 units high school mathematics. Credit 3 hours.



**MATHEMATICS 104. *Foundations of Mathematics for Elementary Teachers.***

Continuation of MAT 103. Elementary number theory—modular arithmetic, real number system—informal discussion of structure. Prerequisite: MAT 103 or equivalent. Credit 3 hours.

**MATHEMATICS 201. *Plane Analytical Geometry.***

A study of rectangular coordinates, lines, transformations of coordinates, circles, parabola, ellipse and hyperbola, curves of higher degree, exponential and logarithmic curves, parametric equations, polar coordinates, curve fitting. Prerequisites: MAT 101 and 102. Credit 3 hours.

**MATHEMATICS 202. *Solid Analytical Geometry.***

Coordinates and cosines, planes and lines, determinants and matrices, surfaces and curves, the seventeen quadratic surfaces, analysis of the general equation of the second degree. Prerequisite: MAT 201. Credit 3 hours.

**MATHEMATICS 203. *Calculus.***

This course is an introduction to the calculus of real valued functions of one real variable. Included is a review of functions; limit of a function; and differentiation and integration of continuous functions (the logarithm, exponential and trigonometric functions). Prerequisite (or concurrent): MAT 201. Credit 3 hours.

**MATHEMATICS 204. *Calculus.***

This course is a continuation of MAT 203 which includes the topics; some techniques and applications of integration, sequences, and series, L'Hospital's Rule, and improper integrals. Prerequisite: MAT 203. Credit 3 hours.

**MATHEMATICS 302. *Elements of Theory of Numbers.***

Topics discussed include the basic divisibility properties of integers. The Prime Number Theorem, Congruences and Multiplicative number theoretic functions. Prerequisite: Consent of Instructor. Credit 3 hours.

**MATHEMATICS 303. *Differential Equations.***

This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Topics discussed include first order equations, linear equations, the laplace transform, Picard's existence theorems, and system of equations. Prerequisite: MAT 204. Credit 3 hours.

**MATHEMATICS 306. *College Geometry.***

Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross Ratio. Designed for students who expect to teach high school geometry. Lecture and recitation. Prerequisite: Consent of Instructor. Credit 3 hours.

**MATHEMATICS 307. *Linear Algebra.***

Coordinates, vectors, vector spaces, subspaces, Euclidean N-space, determinants, linear transformation, linear transformation and matrices, bilinear and quadratic forms. Prerequisite: MAT 203. Credit 3 hours.

**MATHEMATICS 309. *Introduction to Modern Geometry.***

Historical introductions, Axiom Systems, Projective plane geometry, linear transformations, Projective Metric Geometry, Circular Transformations. Prerequisite: MAT 306 or consent of Instructor. Credit 3 hours.

**MATHEMATICS 311. *Elementary Vector Analysis.***

Algebra of vectors, calculus of vectors. Prerequisite: MAT 303. Credit 3 hours.

**MATHEMATICS 314. *Teacher's Arithmetic.***

A review of the essentials of arithmetic, development of skills, accuracy and

methods of teaching fundamentals of arithmetic to pupils in the elementary school. Prerequisite: MAT 104. Credit 3 hours.

**MATHEMATICS 401. *Modern Algebra I.***

Operations, Permutations, Group, Isomorphisms, Factor Groups, Sylows Theorem, Applications. Prerequisite: Consent of Instructor. Credit 3 hours.

**MATHEMATICS 402. *Modern Algebra II.***

Continuation of MAT 401. Rings, Integral domains, Quotient rings and Ideals, Extension fields, Vector spaces. Prerequisite: MAT 401. Credit 3 hours.

**MATHEMATICS 403. *Advanced Calculus I.***

Real numbers and Euclidean N-space, continuous functions, differentiable Functions of one variable, of several variables. Riemann Integral. Prerequisite: MAT 204. Credit 3 hours.

**MATHEMATICS 404. *Advanced Calculus II.***

Classical lebesgue Integral, Power Series, Curves, Surfaces, and Integral Theorem, Divergence, Theorems of Green and Stokes. Some Applications. Prerequisite: MAT 403. Credit 3 hours.

**MATHEMATICS 405. *Sets, Logic and Foundations of Mathematics.***

Point-sets. An elementary account of mathematical logic and some of the developments in connection with the foundations of mathematics. Prerequisite: Consent of Instructor. Credit 3 hours.

## PHYSICS

**PHYSICS 207. *Introductory General Physics.***

An introductory course treating fundamental ideas in classical and modern physics. Topics to be considered are: a study of motion and its sources, energy and momentum, the atomic nature of matter, temperature and heat. Two hours of lectures per week and two hours of laboratory per week. Credit 3 hours.

**PHYSICS 208. *Introductory General Physics.***

A continuation of PHY 207. Electricity, magnetism, light and optics, and the physics of the atom are topics to be covered. Two hours each of lecture and laboratory per week. Prerequisite PHY 207. Credit 3 hours.

**PHYSICS 211. *General Physics.***

A general elementary course covering Mechanics, Wave Motion and Sound, Heat and Thermodynamics. Prerequisite: MAT 101 and 102. Credit 4 hours.

**PHYSICS 212. *General Physics.***

A continuation of PHY 211. Electricity and Magnetism, Light and an Introduction to Atomic Structure. Prerequisite: PHY 211. Credit 4 hours.

**PHYSICS 303. *Electricity and Magnetism.***

For students who desire to continue the study of electricity and magnetism begun in PHY 212. Covering the theory and use of electrical equipment, methods of measuring current, power electromotive forces, inductance and capacitance. Prerequisite: PHY 212 and MAT 204. Credit 3 hours.

**PHYSICS 311. *Physics.***

A calculus-approach to the topics covered in PHY 211 and 212. Prerequisite: PHY 212 and MAT 204. Credit 3 hours.

**PHYSICS 312. *Static.***

Study and description of force systems on a body at rest. Topics include: equipollent force systems, distributed and internal forces; with applications to

hydrostatics, frames, trusses and beams. Prerequisite PHY 311. Credit 3 hours.

#### PHYSICS 320. *Thermodynamics I.*

A study of the fundamental ideas of thermodynamics including properties of solids, liquids, and vapors, the basic laws of thermodynamics reversibility and entropy, the principles of work-producing and power-absorbing cycles. Prerequisite: PHY 311. Credit 3 hours.

### DEPARTMENT OF MODERN FOREIGN LANGUAGES

The Department of Modern Foreign Languages offers courses in French, Spanish and German. There are majors and minors in the first two languages. A major in French or Spanish shall consist of 24 semester hours, exclusive of the elementary courses (101 and 102), and, in some instances, of the elementary and intermediate courses (201, 202). The minor shall consist of 18 semester hours, exclusive of the elementary courses (101, 102).

All majors who are preparing to teach must take a course in "Methods of Teaching Modern Foreign Languages."

Courses in the 100, 200, and 300 series are offered every year; more advanced courses are offered as requested.

Continuation courses (101, 102, 201, 202) cannot be taken concurrently. Neither can a more advanced elementary or intermediate course be taken before a more elementary course (102 or 202 before 101 or 201, respectively). Elementary and intermediate courses (101, 102, 201, 202) must be taken in sequence.

### PROFICIENCY TEST

Freshman and transfer students entering Kentucky State University with two or more units of high school French, German or Spanish are required to take a language proficiency test if they wish to take a course in the same language studied in high school. No credit will be given such students if they enroll in an elementary course without taking the proficiency test.

A student majoring in another department may fulfill his entire language requirement or a portion of it on the basis of his performance on proficiency tests, provided he secures the approval of his department.

### AIMS

#### Elementary Courses

1. To teach the fundamentals of grammar, syntax and pronunciation of the modern foreign languages so that the students may be able to read them with understanding and speak and write them on an elementary level. Excellence in performance is encouraged at all times.
2. To develop interest in foreign cultures and literatures through graded, elementary readings, and audio-visual aids.
3. To emphasize the aural-oral approach in the learning of the foreign language and to encourage active use of the language in conversation in class, in the laboratory, and in daily situations.

4. To acquaint the students with the use of the Language Laboratory and other language learning materials.

#### Advanced Courses

1. To study languages on a larger scale through increased speaking and writing activity.
2. To increase the students' interest in the country whose language they are studying through a study of the country's civilization, its literary works, and its cultural contribution to world civilization.
3. To give the necessary preparation to those students who desire to major or minor in foreign languages.
4. To prepare majors for teaching positions in elementary and secondary schools or for graduate and professional work.

### CURRICULUM MAJOR: FRENCH—MINOR: SPANISH

#### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—English Composition . . . . .	3	ENG 102—English Composition . . . . .	3
BIO 101—Life Science . . . . .	3	BIO 102—Life Science . . . . .	3
HIS 101—World Civilization . . . . .	3	HIS 102—World Civilization . . . . .	3
*FRE 101—Elementary French . . . . .	3	FRE 102—Elementary French . . . . .	3
*SPA 101—Elementary Spanish . . . . .	3	SPA 102—Elementary Spanish . . . . .	3
GUI 100—Freshman Orientation . . . . .	1	PHE 221—Health and Safety Ed. . . . .	2
PHE 100—Activity . . . . .	1	PHE 100—Activity . . . . .	1
	<b>17</b>		<b>18</b>

#### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature . . . . .	3	ENG 212—Intro. to Literature . . . . .	3
SCI 201—Intro. to Physical Sci. . . . .	3	SCI 202—Intro. to Physical Sci. . . . .	3
SOC 201—Intro. to Social Sci. . . . .	3	SOC 202—Intro. to Social Sci. . . . .	3
FRE 201—Intermediate French . . . . .	3	FRE 202—Intermediate French . . . . .	3
SPA 201—Intermediate Spanish . . . . .	3	SPA 202—Intermediate Spanish . . . . .	3
EDU 200—General Psychology . . . . .	3	EDU 222—Human Develop. & Psy. II . . . . .	3
PHE 200—Activity . . . . .	1	PHE 200—Activity . . . . .	1
	<b>19</b>		<b>19</b>

#### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Prin. of Economics . . . . .	3	SOC 305—Contemp. Soc. Prob. . . . .	3
FRE 301—Survey of French Lit. . . . .	3	FRE 302—Survey of French Lit. . . . .	3
SPA 301—Survey of Spanish Lit. . . . .	3	SPA 302—Survey of Spanish Lit. . . . .	3
FRE 311—French Composition . . . . .	3	FRE 312—French Conversation . . . . .	3
MAT 100—Fundamentals of Math. . . . .	3	Art or Music . . . . .	3
	<b>15</b>		<b>15</b>

#### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
Spanish Electives . . . . .	6	EDU 412—Admin. of Pub. Schools . . . . .	3
French Electives . . . . .	6	EDU 452—Fund. of Secondary Ed. . . . .	3
Electives (Philosophy of Logic) . . . . .	3	EDU 410RL—Methods of Teaching Romance Languages . . . . .	3
EDU 410—Tests & Measurements . . . . .	3	EDU 400—Supervised Teaching . . . . .	8
	<b>18</b>		<b>17</b>

\*Students entering with two or more units of high school language should not register for these courses.

## CURRICULUM MAJOR: SPANISH—MINOR: FRENCH

### FRESHMAN YEAR

Fall Semester		Spring Semester	
	Hours		Hours
ENG 101—English Composition	3	ENG 102—English Composition	3
BIO 101—Life Science	3	BIO 102—Life Science	3
HIS 101—World Civilization	3	HIS 102—World Civilization	3
*FRE 101—Elementary French	3	FRE 102—Elementary French	3
*SPA 100—Elementary Spanish	3	SPA 102—Elementary Spanish	3
GUI 100—Freshman Orientation	1	PHE 221—Health and Safety Ed.	2
PHE —Activity	1	PHE —Activity	1
	17		18

### SOPHOMORE YEAR

Fall Semester		Spring Semester	
	Hours		Hours
ENG 211—Intro. to Literature	3	ENG 212—Intro. to Literature	3
SCI 201—Intro. to Physical Sci.	3	SCI 202—Intro. to Physical Sci.	3
SOC 201—Intro. to Social Sci.	3	SOC 202—Intro. to Social Sci.	3
FRE 201—Intermediate French	3	FRE 202—Intermediate French	3
SPA 201—Intermediate Spanish	3	SPA 202—Intermediate Spanish	3
EDU 200—General Psychology	3	EDU 222—Human Develop. & Psy. II	3
PHE —Activity	1	PHE —Activity	1
	19		19

### JUNIOR YEAR

Fall Semester		Spring Semester	
	Hours		Hours
SPA 311—Spanish Composition	3	SOC 305—Contemp. Soc. Prob.	3
FRE 301—Survey of French Lit.	3	FRE 302—Survey of French Lit.	3
SPA —Survey of Spanish Lit.	3	SPA 302—Survey of Spanish Lit.	3
ECO 211—Prin. of Economics	3	SPA 312—Adv. Spanish Conversation	3
MAT 100—Fundamentals of Math	3	Art or Music	3
	15		15

### SENIOR YEAR

Fall Semester		Spring Semester	
	Hours		Hours
Spanish Electives	6	EDU 412—Admin. of Pub. Schools	3
French Electives	6	EDU 452—Fund. of Secondary Ed.	3
Elective (Philosophy or Logic)	3	EDU 410RL—Methods of Teaching	3
EDU 401—Test and Measurements	3	Romance Languages	3
	18	EDU 400—Supervised Teaching	8
			17

\*Students entering with two or more units of high school language should not register for these courses.

## COURSE DESCRIPTION

### FRENCH 101. *Elementary French.*

An introductory course to the study of the French language designed to teach beginning students the basic concepts of French pronunciation and sentence structure and the basic vocabulary for understanding, speaking, writing and reading French on the elementary level. One hour per week in the language laboratory is required. Credit 3 hours.

### FRENCH 102. *Elementary French.*

Continuation of French 101, increasing the skills of listening, speaking and structural control. More emphasis is placed upon reading activities. Study of more advanced aspects of grammar and reading of graded texts on contemporary life. One hour per week in the language laboratory is required. Prerequisite: French 101 or acceptable score on the French Proficiency Test. Credit 3 hours.

### FRENCH 201. *Intermediate French.*

Review of fundamentals of 101-102, with more extensive treatment of sentence structure to integrate the comprehension, reading and writing skills. Short selec-

tions from French authors, past and present, and articles from current French newspapers and magazine are used. One hour per week in the language laboratory is required. Prerequisite: French 102 or French Proficiency Test score. Credit 3 hours.

### FRENCH 202. *Intermediate French.*

Continuation of French 201, stressing conversation, reading, and writing. Laboratory practice for one hour per week is required. Prerequisite: FRE 201 or acceptable score on Proficiency test. Credit 3 hours.

### FRENCH 301. *Survey of French Literature.*

A survey of French literary creation from the earliest documents to 1700, with special emphasis on the classic drama of Corneille, Racine, and Moliere. Prerequisite: FRE 202. Credit 3 hours.

### FRENCH 302. *Survey of French Literature.*

Continuation of French 301. A study of French literature in the 18th, 19th, and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Flaubert, and some twentieth century writers (Gide, Malraux, St. Exupery, Sartre, Camus). Prerequisite: French 301. Credit 3 hours.

### FRENCH 311. *French Composition.*

Frequent practice in the written expression of ideas on topics of contemporary life, with analysis of style, sentence construction and coherence, and study of idiomatic expressions and special problems of French grammar. Prerequisite: French 202. Credit 3 hours.

### FRENCH 312. *French Conversation.*

Practice in the oral use of French through conversations on topics of interest. Prerequisite: French 202. Credit 3 hours.

### FRENCH 321. *French Civilization.*

A study of the civilization of France from pre-historic times to 1700 and of its contribution to world civilization. Special readings and reports. Conducted partly in French. Prerequisite: French 202. Credit 3 hours.

### FRENCH 322. *French Civilization.*

Continuation of the study of French civilization since 1700 with special emphasis on the life, culture, ideas and institutions of the twentieth century. The cultural, economic, and political relations between France and the French-speaking nations are studied and evaluated for an understanding of the interaction of native and foreign cultural elements. Prerequisite: French 202. Credit 3 hours.

### FRENCH 401. *French Literature of the 18th Century.*

A period course on the ideas, works and contributions of the principal writers of the century, particularly Montesquieu, Marivaux, Diderot, Rousseau, Voltaire, and Beaumarchais. Prerequisites: French 301 and 302. Credit 3 hours.

### FRENCH 402. *French Literature of the 19th Century.*

An analysis of the thought and works of the principal French writers of the period with special emphasis on the genesis, development, and evolution of literary movements: Romanticism, Realism, Naturalism, Parnassianism, and Symbolism. Prerequisite: French 301 and 302. Credit 3 hours.

### FRENCH 411. *Twentieth Century French Novel.*

Study, analysis, and evaluation of ideas, structure, and style in representative novels of Proust, Gide, Malraux, Saint-Exupery, Camus, Sartre, Celine, Robbe-

Grillet, Le Clezio, and others, with special consideration of the theme of commitment in the novel. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 412. *Twentieth Century French Drama and Poetry.*

A survey of the French drama and poetry in the twentieth century with the study of the works of Prevert, Valery, Eluard, Cocteau, Claudel, Giraudoux, Apollinaire, Michaux, Anouilh, Ionesco, Queneau. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 413. *Black Literature in French.*

A critical study of the literature of negritude written in French, with special emphasis on the works of representative writers from Africa and the West Indies: Leopold Senghor, David Diop, Jacques Romain, Aimé Césaire, and Léon Damas. Prerequisites: French 301 and 302. Credit 3 hours.

FRENCH 431. *French Phonetics.*

An analysis and study of French sounds with oral practice designed to correct the student's pronunciation. Frequent laboratory practice. Prerequisite: Two years of college French above French 102. Credit 3 hours.

### SPANISH

SPANISH 101. *Elementary Spanish.*

An introductory Spanish course with emphasis on the spoken language: pronunciation, grammar, vocabulary building, drills, and readings. Laboratory practice is required for one hour every week. Credit 3 hours.

SPANISH 102. *Elementary Spanish.*

Continuation of Spanish 101 with emphasis on pronunciation, oral expression, and reading. Laboratory practice is required for one hour every week. Prerequisite: Spanish 101 or acceptable score on the Proficiency test. Credit 3 hours.

SPANISH 201. *Intermediate Spanish.*

More advanced work on Spanish conversation, composition, reading, and translation. Review of grammar and idioms. Laboratory practice is required for one hour every week. Prerequisites: Spanish 101 and 102, or acceptable score on Proficiency Test. Credit 3 hours.

SPANISH 202. *Intermediate Spanish.*

Continuation of Spanish 201 with greater emphasis on conversation, reading, and composition. Laboratory practice is required for one hour every week. Prerequisite: Spanish 201 or acceptable score on Proficiency Test. Credit 3 hours.

SPANISH 301. *Survey of Spanish Literature.*

A study of Spanish Literature from its beginning to 1700: formation of the Spanish language, representative writers and works, history of ideas, foreign influences, and significance of Spanish literary productions. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Prerequisites: Spanish 201 and 202, or acceptable score on Proficiency Test. Credit 3 hours.

SPANISH 302. *Survey of Spanish Literature.*

Continuation of Spanish 301. A study of Spanish literature from 1700 to the contemporary period: Neo-Classicism, Romanticism, Costumbrism, Realist Novel, Naturalism, Modernismo, Generation of 1898, and 20th century trends, stressing the evolution of literary genres, ideas and styles. Reading and discussion of literary selections, tape recordings, and book report. Conducted partly in Spanish. Prerequisite: Spanish 301. Credit 3 hours.

SPANISH 303. *Survey of Spanish-American Literature.*

A study of Spanish-American Literature from the colonial period to 1910, with emphasis on the literary movements, writers, and works of the nineteenth century: Romanticism, Costumbrism, Realism, Naturalism and Modernism. Reading and discussion of literary selections, literary tape recordings, and book report. Conducted partly in Spanish. Prerequisites: Spanish 201 and 202, and, if possible, Spanish 301 and 302. Credit 3 hours.

SPANISH 304. *Survey of Spanish-American Literature.*

A study of Spanish-American Literature since 1910: literary trends, ideas, and styles, representative writers and works, foreign influences, contributions to world literature. Reading and discussion of literary selections, literary recordings, and book report. Prerequisite: Spanish 201 and 202, and, if possible, Spanish 301 and 302. Credit 3 hours.

SPANISH 311. *Advanced Spanish Composition.*

Intensive work involving review of special grammatical constructions—verbs, idioms, tenses, prepositions, etc.—original compositions, development of ideas, translation, and interpretation of literary passages. Special emphasis is placed on grammatical correctness, on the clear and logical expression of ideas, and on the idiomatic use of natural Spanish. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 312. *Advanced Spanish Conversation.*

Intensive conversational practice designed to develop fluency, clarity and precision in the oral expression of ideas. Special emphasis on the development of the ability to understand and speak Spanish effectively. Discussions based on social customs, daily situations or experiences, current events, and topics of cultural or academic interest are developed. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 401. *Drama of the Siglo de Oro.*

A study of Spanish drama in the sixteenth and seventeenth centuries: dramatic antecedents, precursors, dramatic technique and theory, the world of the "comedia," representative writers and works, significance in world drama, reading and discussion of several plays, tape recordings, special reports or analyses. Conducted partly in Spanish. One semester. Prerequisite: Spanish 301. Credit 3 hours.

SPANISH 402. *Spanish Civilization.*

A study of the civilization of Spain from the pre-historic period to 1700: outstanding events and personalities, institutions, and contributions in the arts, philosophy, politics, and religion. Special readings and reports. Conducted partly in Spanish. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 403. *Spanish Civilization.*

Continuation of the study of Spanish civilization from 1700 to the present. Special readings and reports. Conducted partly in Spanish. Prerequisite: Spanish 202. Credit 3 hours.

SPANISH 404. *The Civilization of Ibero-America.*

A study of social, economic, cultural, and political life and institutions in Spanish America and Brazil from the pre-Columbian period to the present, with emphasis on foreign influences, native problems, and contributions to world civilization. Prerequisites: Spanish 202. Recommended previous courses: Spanish 402 and 403. Credit 3 hours.

SPANISH 431. *The Spanish Language: Development, Phonetics, Linguistic Peculiarities, and Problems.*

A study of the growth of Spanish from its beginnings to its present state, including its modern sounds, its characteristic syntax and idiomatic constructions, and its difference from English. Lectures, discussion, literary recordings, and laboratory practice. Prerequisite: Three years of college Spanish or the equivalent. Credit 3 hours. One semester.

#### GERMAN

GERMAN 101. *Elementary German.*

An introductory course on the fundamentals of German grammar and pronunciation with increasing emphasis on conversation. Graded readings are introduced during the first term for comprehension and conversational practice. Practice in the Language Laboratory is required for one hour each week. Credit 3 hours.

GERMAN 102. *Elementary German.*

Continuation of German 101. Study of more advanced aspects of grammar and conversation based on graded readings. Although the conversational approach is stressed, there is special practice in composition. Laboratory practice is required for one hour each week. Prerequisite: German 101 or acceptable score on the Proficiency Test. Credit 3 hours.

GERMAN 201. *Intermediate German.*

A second year college German course that includes more extensive study of grammar, review of fundamental tenses and verbal construction, literary readings, conversation and composition. Audio-oral practice is especially stressed. One hour per week in the Language Laboratory is required. Prerequisites: German 101 and 102, or an acceptable score on the Proficiency Test. Credit 3 hours.

GERMAN 202. *Intermediate German.*

Continuation of German 201. Some review of special grammatical points, more extensive readings, interpretation and discussion in German, and increasing practice in composition and translation. One hour per week in the Language Laboratory is required. Prerequisite: German 201, or an acceptable score on the Proficiency Test. Credit 3 hours.

#### DEPARTMENT OF MUSIC

The principal objectives of the music department are:

1. To provide training for students who desire to make a serious study of music so that they may become significant contributors to society as artists and teachers.
2. To offer opportunities for those interested in the study of music and its literature as a humanity in the liberal arts or general education program.
3. To provide the opportunity for cultural and professional growth to all college students and others in the community through participation in the college music program as soloists or as members of performing ensembles.
4. To afford opportunities for students with disadvantaged backgrounds to study music at the collegiate level.
5. To contribute to a cultural environment that will be of value in the life of the entire academic community.

6. To prepare students for graduate work and study beyond the undergraduate level.
7. To provide a place in Franklin County where pre-college music education is available to supplement the public school music program and the private and parochial school music programs. In addition to pre-college age students, the Division serves those adults of the community who wish to study and further their knowledge of music without pursuing a degree program.

#### DEPARTMENTAL REQUIREMENTS

##### APPLIED MUSIC

1. Every music major is required to study his major applied instrument (or voice) throughout the four-year or two-year degree program. In addition to the major applied instrument, each student must earn at least eight semester hours of credit in secondary fields of performance either through private applied minor or class instruction.
2. All students are required to attend the studio seminar and the departmental recital seminar each week. Failure to attend applied music seminars will result in reduced applied music grade.
3. All students are expected to practice from two to three hours daily.
4. All students must meet minimum proficiency requirements in piano. These include the ability to read music of the type found in community song books, and the ability to sight read simple accompaniments.
5. Every student earning credit in his major applied field must perform on student recitals as required by his major instructor. In general, freshmen are expected to perform a minimum of once each semester; sophomores are expected to perform a minimum of twice each semester; juniors are expected to perform at least three times each semester. A student who fails to appear at least once a semester shall receive an incomplete or an F in his major applied subject for that semester's grade.
6. All music majors must appear in a recital during their senior year. The decision as to whether the student is permitted to do a full length recital will be decided by his major applied teacher and a music faculty jury.

##### MUSIC LABORATORY

Music laboratory consists of participation in one or more of the following organizations, ensembles or activities: Concert Band, Concert Choir, University Choir, Marching Band, Wind Ensemble, Experimental Laboratory Ensemble, Experimental Jazz Laboratory Ensemble, Commercial Music Ensemble, Opera Workshop, Accompanying or other Chamber Ensembles.

Each student with a major in music will participate in the laboratories for which he is qualified each semester in residence. Instrumental Music Education majors are required to participate in marching band during both the freshman and sophomore years. They are required to participate in either concert band or wind ensemble during both the freshman and sophomore years. During each semester of the junior and senior year and in accordance with career goals, all instrumental music education majors are required to participate in an ensemble of their choice. All vocal majors are required to participate in university choir each semester in residence. Participation in additional vocal ensembles must be approved by the respective ensemble directors.





Bachelor of Music Instrumental majors are required to participate in a major instrumental ensemble of their choice for four semesters. They may elect any ensemble during the remaining four semesters. Eight semesters of ensemble participation are required.

#### GRANT-IN-AID

All grant-in-aid recipients must meet the specific requirements for each ensemble from which aid is received. Generally speaking these are:

1. Attend all rehearsals and performances unless absence is approved by the instructor.
2. Be punctual for rehearsals and performances.
3. Display a constructive, cooperative, and positive attitude.

If any of the above obligations are not met during any semester, the grant-in-aid would be suspended for the following semester.

#### CONCERTS AND RECITALS

Music majors are required to attend concert and recitals sponsored by the University and the Department of Music. Failure to observe these requirements will affect applied music grades. Students are allowed three unexcused absences per semester.

#### SEQUENCE OF MUSIC COURSES

Each lower music course is a prerequisite to its successor. Students are strongly urged to take courses in sequence. Only when granted special permission by a music faculty committee or by the Chairman of the Music Department will students enroll in courses out of sequence.

#### FACULTY ADVISORS

Every student is assigned a faculty advisor whose duty is to assist the student in registering, to advise him in regard to his progress, and to assist him in planning his educational and professional future.

Changes in programs, in courses, and in the major applied subject may be made only upon the approval of the music faculty.

#### MUSIC AS A MINOR

Students who elect music as a minor must complete a minimum of twenty-two semester hours in the Department of Music.

Music Theory .....	6
Music Literature and History .....	6
Applied Music (voice, piano, or organ, choral or instrumental ensembles) .....	7 or 8
Music Methods and Materials for Elementary Schools .....	2 or 3
Conducting .....	2

#### BACHELOR OF SCIENCE IN MUSIC EDUCATION CURRICULUM†

##### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
BIO 101—Life Science ....	3	BIO 102—Life Science ....	3
HIS 101—World Civilization ....	3	HIS 102—World Civilization ....	3
MUS 101—Music Theory ....	3	MUS 102—Music Theory ....	3

MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	2
*MUS 171—Minor Applied .....	1	*MUS 172—Minor Applied .....	1
PHE —Activity .....	1	**Music 142—String Class .....	1
GUI 100—Freshman Orient. ....	1	PHE —Activity .....	1
MUS 141—String Class .....	1	Ensemble(s) .....	1-2
Ensemble(s) .....	1-2		
	19-20		18-19

\*The Applied Minor shall be piano unless that instrument is chosen as the major or unless piano proficiency requirements are met on entrance. Vocal majors are advised to elect piano for 1 hour credit (private or class instruction).  
 \*\*Required of Music Education majors with emphasis in instrumental music.  
 †This curriculum leads to certification at the secondary level. For certification at K-12 level, EDU 305 is required.

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Lit. ....	3	ENG 103—Fund. of Speech .....	3
SCI 201—Intro. to Soc. Sci. ....	3	MAT 100—Fund. of Math. ....	3
SOC 201—Intro. to Phys. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
MUS 201—Music Theory .....	2	MUS 202—Music Theory .....	2
MUS 261—Major Applied .....	2	MUS 262—Major Applied .....	2
MUS 203—Ear Train. & Sight Sing. ..	1	MUS 204—Ear Train. & Sight Sing. ..	1
MUS 271—Minor Applied .....	1	MUS 272—Minor Applied .....	1
*MUS 236—Voice Class & Diction ..	1	PHE —Activity .....	1
PHE —Activity .....	1	PHE 221—Health & Safety Ed. ....	2
Ensemble(s) .....	1-2	Ensemble(s) .....	1-2
	18-19		19-20

\*Required of instrumental music education majors as a prerequisite to choral conducting.

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 305—Cont. Soc. Prob. ....	3	*MUS 346—Brass Class .....	1
MUS 301—Form & Analysis .....	2	MUS 302—Twentieth Cent. Music ..	2
MUS 331—Music in Elem. School ..	2	MUS 332—Music in Sec. School ..	2
MUS 343—Choral Conducting .....	2	MUS 303—Orchestration .....	2
MUS 321—Music His. & Lit. ....	3	MUS 322—Music His. & Lit. ....	3
MUS 361—Major Applied .....	2	MUS 362—Major Applied .....	2
MUS 373—Functional Piano .....	1	MUS 374—Functional Piano .....	1
PSY 200—General Psychology .....	3	EDU 220—Human Devel. & Curr. ....	3
Ensemble(s) .....	1-2	†MUS 336—Phonetics & Diction ....	1
	19-20	*MUS 347—Percussion Class .....	1
		†MUS 345—Band & Classrm. Ins. ....	2
		Ensemble(s) .....	1-2
			20-21

†Required of students seeking certification to teach vocal music.

\*Required of students seeking certification to teach instrumental music.

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PHI 200—Intro to Philosophy .....	3	EDU 424—Foundation of Education ..	3
MUS 421—Music Literature .....	2	MUS 462—Major Applied .....	2
MUS 461—Major Applied .....	2	Ensemble(s) .....	1-2
EDU 412—Admin. of Pub. Sch. ....	3	EDU 400—Supervised Teaching .....	8
MUS 344—Instrumental Conducting ..	2		
†MUS 435—Vocal Tech. & Prob. ....	1		
*MUS 437—Instr. Meths. & Teach. ....	1		
*MUS 441—Woodwind Class .....	1		
*MUS 442—Double Reed .....	1		
Woodwind Class .....	1		
Music Electives (vocal Students) ....	2		
Ensemble(s) .....	1-2		
	19-20		14-15

†Required of students seeking certification to teach vocal music.

\*Required of students seeking to teach instrumental music.

## BACHELOR OF MUSIC IN COMMERCIAL MUSIC BUSINESS

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MUS 101—Music Theory .....	3	MUS 102—Music Theory .....	3
MUS 161—Major Applied, .....		MUS 172—Major Applied, .....	
Class or ind. ....	2	Class or ind. ....	2
MUS 171—Minor Applied Class .....	1	MUS 158—Commercial Music Ens. ....	1
MUS 157—Commercial Music Ens. ....	1	MUS 132—Music Bus. Seminar .....	1
MUS 131—Music Bus. Seminar .....	1	PHE —Activity .....	1
GUI 100—Freshman Orient. ....	1		
PHE —Activity .....	1		
	19		11

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SCI 201—Intro. to Phy. Sci. ....	3	ENG 103—Fund. of Speech .....	3
BUA 121—Intro. to Business .....	3	BUA 112—Business Math .....	3
MAT 100—Fundamentals of Math. ....	3	*MUS 323—Afro-American Music ....	3
MUS 201—Music Theory .....	2	MUS 202—Music Theory .....	2
MUS 203—Ear Train. Sight Sing. ....	1	MUS 204—Ear Train. Sight Sing. ....	1
MUS 261—Maj. Appl. Class or ind. ....	2	MUS 262—Maj. Appl. Class or ind. ....	2
MUS 257—Commercial Mus. Ens. ....	1	MUS 258—Commercial Mus. Ens. ....	1
MUS 273—Commercial Keybd. Skills. ....	1	MUS 274—Commercial Keybd. Skills. ....	1
MUS 231—Music Bus. Seminar .....	1	MUS 232—Music Bus. Seminar .....	1
PHE —Activity .....	1	PHE —Activity .....	1
	18		18

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ECO 211—Prin. of Eco. ....	3	BUE 204—Business Com. ....	3
PHE 221—Health & Safety Ed. ....	2	SOC 202—Intro. to Soc. Sci. ....	3
SOC 201—Intro. to Soc. Sci. ....	3	MUS 252—Intro. to Arp Syn. ....	1
ENG 211—Intro. to Literature .....	3	MUS 332—Music Bus. Seminar .....	1
MUS 251—Intro. to Elect. Mus. ....	2	MUS 307—Head Arranging .....	1
MUS 171—Voice Class .....	1	MUS 358—Commercial Mus. Ens. ....	1
Music Bus. Seminar .....	1	**MUS—Music Business Electives ....	7
MUS 306—Head Arranging .....	1		
MUS 357—Commercial Mus. Ens. ....	1		
**MUS—Music Business Elective ....	1		
	18		18

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MUS 341—Jazz Conducting .....	2	MUS 400—Recording Studio Intern-ship and/or Commercial Mus. Internship .....	3-6
MUS 308—Comparative Style Analys. ....	2	MUS 309—Comparative Style Analys. ....	2
BUA 321—Business Law I .....	1	BUA 322—Business Law II .....	3
BUA 351—Prin. of Marketing .....	3	ENG 332—Journalism .....	3
MUS 431—Mus. Bus Seminar .....	1		
MUS 457—Commercial Mus. Ens. ....	1		
**MUS—Music Electives .....	8		
	11		4-7

\*Music History or History of Jazz may be elected instead of Afro-American Music.

\*\*Electives may be taken from the areas of composition, arranging, or applied music. Electives must be approved by an advisor.

\*\*\*Business electives may be substituted such as ACC 261 Principles of Accounting 4 hrs, and/or BUA 323 Principles of Management 3 hrs.

## BACHELOR OF SCIENCE IN COMMERCIAL MUSIC ARRANGING -COMPOSITION

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
HIS 101—World Civilization ..	3	HIS 102—World Civilization ..	3
MUS 155—Exp. Lab. Ensemble ..	1	MUS 156—Exp. Lab. Ensemble ..	1
MUS 101—Music Theory .....	3	MUS 102—Music Theory .....	3
MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	2
MUS 171—Minor Applied Class ..	1	MUS 172—Minor Applied Class ..	1
MUS 157—Commercial Mus. Ens. ..	1	MUS 158—Commercial Mus. Ens. ..	1
MUS 131—Music Bus. Seminar ..	1	MUS 132—Music Bus. Seminar ..	1
GUI 100—Freshman Orient. ....	1	PHE —Activity .....	1
PHE —Activity .....	1		
<b>17</b>		<b>16</b>	

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MUS 265—Exp. Lab. Ensemble ..	1	MUS 256—Exp. Lab. Ensemble ..	1
MUS 105—Composition .....	2	MUS 106—Composition .....	2
ENG 211—Intro. to Literature ..	3	ENG 103—Fund. of Speech .....	3
MUS 201—Music Theory .....	2	MUS 202—Music Theory .....	2
MUS 203—Ear Train., Sight Sing. ..	1	MUS 204—Ear Train., Sight Sing. ..	1
MUS 261—Major Applied .....	2	MUS 262—Major Applied .....	2
MUS 273—Commercial KyBd. Skills ..	1	MUS 274—Commercial Kybd. Skills ..	1
MUS 231—Mus. Bus. Seminar .....	1	MUS 232—	
MUS 257—Commercial Mus. Ens. ....	1	MUS 257—	
PHE —Activity .....	1	PHE —Activity .....	1
<b>18</b>		<b>18</b>	

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SCI 201—Intro. to Phys. Sci. ....	3	MAT 100—Mathematics .....	3
MUS 361—Major Applied .....	2	MUS 362—Major Applied .....	2
MUS 205—Composition .....	2	MUS 206—Composition .....	2
MUS 307—Jazz Arranging .....	2	MUS 308—Jazz Arranging .....	2
PHE 221—Health & Safety Ed. ....	2	*MUS 323—Afro-American Music ..	2-3
MUS 251—Intro. to Elect. Mus. ....	2	MUS 252—Intro. to Arp Syn. ....	2
MUS 331—Music Bus. Seminar .....	1	MUS 332—Music Bus. Seminar .....	1
MUS 306—Head Arranging .....	1	MUS 307—Head Arranging .....	1
MUS 357—Commercial Mus. Ens. ....	1	MUS 358—Commercial Mus. Ens. ....	1
Electives .....	1	Electives .....	2
<b>17</b>		<b>18-19</b>	

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
MUS 461—Major Applied .....	2	MUS 462—Major Applied .....	2
MUS 305—Composition .....	2	MUS 303—Composition .....	2
MUS 341—Jazz Conducting .....	2	†MUS 400—Recording Studio Intern-	
MUS 308—Comparative Style Analys. ..	2	ship, and/or Commercial	
**ENG 201—Public Speaking .....	3	Style Analys. ....	2
		MUS 323—Comparative Style Analys. ..	2
		Electives .....	6-9
<b>14</b>		<b>18-24</b>	

\*History of Jazz or Music History may be substituted.

\*\*Courses in literature, journalism, philosophy or 6 hours in a foreign language may be elected instead of Public Speaking.

†Students who elect the 3 hours internship are required to take 9 hours of electives.

## BACHELOR OF MUSIC IN APPLIED COMMERCIAL MUSIC

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
HIS 101—World Civilization ..	3	HIS 102—World Civilization ..	3
MUS 155—Exp. Lab. Ens. ....	1	MUS 156—Exp. Lab. Ens. ....	1
MUS 127—Exp. Jazz Lab Ens. ....	1	MUS 128—Exp. Jazz Lab Ens. ....	1
MUS 101—Music Theory .....	3	MUS 102—Music Theory .....	3
MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	2
*MUS 172—Minor Applied .....	1	MUS 172—Minor Applied Class ..	1
MUS 157—Commercial Mus. Ens. ....	1	MUS 158—Commercial Mus. Ens. ....	1
MUS 131—Music Bus. Seminar ..	1	MUS 132—Music Bus. Seminar ..	1
GUI 100—Freshman Orient. ....	1	PHE —Activity .....	1
PHE —Activity .....	1		
<b>18</b>		<b>17</b>	

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
ENG 211—Intro. to Literature ..	3	ENG 103—Fund. of Speech .....	3
*Electives .....	2	*Electives .....	2
MUS 171—Minor Applied Secondary ..	1	MUS 172—Minor Applied Secondary ..	1
MUS 201—Music Theory .....	2	MUS 202—Music Theory .....	2
MUS 203—Ear Train., Sight Sing. ..	1	MUS 204—Ear Train., Sight Sing. ..	1
MUS 261—Major Applied .....	2	MUS 262—Major Applied .....	2
MUS 273—Commercial Keybd. Skills ..	1	MUS 274—Commercial Ky. Bd. Skills ..	1
MUS 231—Music Bus. Seminar .....	1	MUS 232—Music Bus. Seminar .....	1
MUS 257—Commercial Mus. Ens. ....	1	MUS 258—Commercial Mus. Ens. ....	1
PHE —Activity .....	1	PHE —Activity .....	1
<b>18</b>		<b>18</b>	

\*Courses in improvisation are encouraged to be taken as possible electives.

### JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SCI 201—Intro. to Phys. Sci. ....	3	MAT 100—Mathematics .....	3
MUS 361—Major Applied .....	2	MUS 362—Major Applied .....	2
MUS 271—Minor Applied Secondary ..	1	MUS 272—Minor Applied Secondary ..	1
*Elective .....	1	MUS 332—Music Bus. Seminar .....	1
PHE 221—Health & Safety Ed. ....	2	MUS 307—Head Arranging .....	1
MUS 251—Intro. to Elect. Mus. ....	2	MUS 358—Commercial Mus. Ens. ....	1
MUS 171—Voice Class .....	1	*Electives .....	6
MUS 331—Music Bus. Seminar .....	1	**MUS 323—Afro-American Music ..	3
MUS 306—Head Arranging .....	1		
MUS 357—Commercial Mus. Ens. ....	1		
ENG 201—Public Speaking .....	3		
<b>18</b>		<b>18</b>	

\*Students are encouraged to elect courses which will strengthen applied proficiency and/or learn to perform on a variety of different instruments. Electives must be approved by an advisor.

\*\*History of Jazz Music or History may be elected instead of Afro-American Music.

### SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
MUS 341—Jazz Conducting .....	2	†MUS 400—Recording Studio Internship	
MUS 308—Comparative Style Anlys. ..	2	and/or Commercial	
MUS 431—Music Bus. Seminar .....	1	Mus. Internship .....	3-6
MUS 457—Commercial Mus. Ens. ....	1	MUS 309—Comparative Style Anlys. ..	2
MUS 461—Major Applied .....	2	MUS 462—Major Applied .....	2-4
*Electives .....	6	**Electives .....	
<b>17</b>		<b>12-17</b>	

\*\*Students are encouraged to elect class method courses such as Woodwinds, Brasswinds, double reeds, guitar, and additional courses in improvisation.

†Students who elect the 3 hour internship are required to take 4 hours of music electives.

## ASSOCIATE OF APPLIED MUSIC DEGREE IN COMMERCIAL MUSIC

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
MUS 101—Music Theory ....	3	MUS 102—Mus. Theory ....	3
MUS 161—Maj. Applied, class or Individual .....	2	MUS 162—Maj. applied, class or indiv. 2	
MUS 171—Minor applied class .....	1	MUS 172—Minor Applied Class .....	1
MUS 157—Commercial Mus. Ens. ....	1	MUS 158—Commercial Mus. Ens. ....	1
MUS 127—Exp. Jazz Lab. Ens. ....	1	MUS 128—Exp. Jazz Lab. Ens. ....	1
MUS 155—Exp. Lab. Ens. ....	1	MUS 156—Exp. Lab. Ensemble .....	1
MUS 171—Voice Class .....	1	MUS 172—Voice Class .....	1
*MUS 223—Hist. of Jazz or Elective ..	2	*MUS 323—Afro-American Music or elective .....	2
MUS 131—Music Bus. Seminar .....	1	MUS 132—Music Bus. Seminar .....	1
	16		16

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MUS 341—Jazz Conducting .....	2	MUS 307—Head Arranging .....	1
MUS 306—Head Arranging .....	1	MUS 309—Comparative Style analysis 1	
MUS 308—Comp. Style analysis .....	1	MUS 202—Music Theory .....	2
MUS 201—Music Theory .....	2	MUS 204—Ear Train., Sight Sing. ....	1
MUS 203—Ear Train., Sight Sing. ....	1	MUS 262—Maj. applied, class or ind. 2	
MUS 261—Maj. appl. class or ind. ....	2	MUS 272—Minor Applied Class .....	1
MUS 271—Minor Applied Class .....	1	MUS 258—Commercial Mus. Ens. ....	1
MUS 227—Exp. Jazz Lab. Ens. ....	1	MUS 232—Mus. Bus. Seminar .....	1
MUS 255—Exp. Lab. Ensemble .....	1	MUS 274—Commercial Keyboard Skills .....	1
MUS 257—Commercial Mus. Ens. ....	1	MUS 400—Recording studio or com- mercial Music Internship 3	
MUS 231—Mus. Bus. Seminar .....	1	Electives .....	6-7
MUS 273—Commercial keyboard skills 1			
MUS 251—Intro. to electronic mus. ....	2		
	17		20-21

\*Either Music 223 or 323 is required.

Two hours of free electives may be taken during the alternate semester.

## BACHELOR OF MUSIC DEGREE IN THEORY COMPOSITION

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
MUS 101—Music Theory I .....	3	MUS 102—Music Theory II .....	3
MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	1
MUS 171—Minor Applied .....	1	MUS 172—Minor Applied .....	1
Ensemble .....	1	Ensemble .....	1
GUI 100—Freshman Orient. ....	1	PHE —Activity .....	1
PHE —Activity .....	1		
	18		17

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
+MUS 105—Music Comp. ....	1-2	+MUS 106—Music Comp. ....	1-2
ENG 211—Intro. to Literature .....	3	MUS 303—Orchestration .....	2
SCI 201—Intro. to Phys. Sci. ....	3	MAT 100—Fund. of Mathematics ....	3
MUS 201—Music Theory II .....	2	MUS 202—Music Theory IV .....	3
MUS 203—Ear Train., Sight Sing. ....	1	MUS 204—Ear Train., Sight Sing. ....	1
MUS 261—Major Applied .....	2	MUS 262—Major Applied .....	2
MUS 271—Minor Applied .....	1	MUS 272—Minor Applied .....	1
PHE —Activity .....	1	PHE —Activity .....	1
Ensemble .....	1	Ensemble .....	1
PHE 221—Health and Safety Ed. ....	2	Electives .....	2
	17-18		16-17

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MUS 253—Exp. Lab. Ensemble .....	1	MUS 254—Exp. Lab. Ensemble .....	1
MUS 205—Music Comp. ....	2	MUS 206—Music Comp. ....	2
Electronic Music .....	2	MUS 304—Counterpoint .....	2
MUS 301—Form & Analysis .....	2	*Electives .....	3
*Electives .....	3	MUS 322—Music Hist. and Lit. ....	2
MUS 321—Music Hist. & Lit. ....	2	MUS 362—Major Applied .....	2
MUS 361—Major Applied .....	2	Ensemble .....	1
Ensemble .....	1	MUS 374—Functional Piano .....	1
MUS 373—Functional Piano .....	1	MUS 302—Twentieth Cen. Music ....	2
	16		16

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
**MUS 344—Instrumental Cond. ....	2	MUS 306—Composition .....	2
MUS 421—Music Literature .....	2	MUS 462—Major Applied .....	2
MUS 461—Major Applied .....	2	**Elective .....	7
*Elective .....	6	Ensemble .....	1
Ensemble .....	1	SOC 202—Intro. to Soc. Sci. ....	3
SOC 201—Intro. to Soc. Sci. ....	3		
MUS 305—Composition .....	2		
	18		15

\*Six hours of Electives must be taken from either literature, journalism, speech, foreign language, philosophy.

\*\*Students are encouraged to pursue additional electives in area of computer science.

\*\*\*Choral Conducting may be substituted upon approval of advisor.

†Experimental Laboratory is required of all majors. Students who elect composition for 2 credit hours must enroll in laboratory for no credit.

## BACHELOR OF MUSIC DEGREE IN APPLIED MUSIC

### FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
MUS 101—Music Theory .....	3	MUS 102—Music Theory .....	3
MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	2
MUS 171—Minors Applied .....	1	MUS 172—Minor Applied .....	1
Ensemble(s) .....	1	Ensemble(s) .....	1
GUI 100—Freshman Orien. ....	1	PHE —Activity .....	1
PHE —Activity .....	1		
	18		17

### SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Literature .....	3	MAT 100—Fund. of Math. ....	3
SCI 201—Intro. to Phys. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
SOC 201—Intro. to Soc. Sci. ....	3	MUS 202—Music Theory .....	2
MUS 201—Music Theory .....	2	MUS 262—Major Applied .....	2
MUS 261—Major Applied .....	2	MUS 272—Minor Applied .....	1
MUS 203—Ear Train. & Sight Sing. ....	1	MUS 204—Ear Train. & Sight Sing. ....	1
MUS 271—Minor Applied .....	1	PHE —Activity .....	1
PHE —Activity .....	1	Ensemble(s) .....	1
Ensemble(s) .....	1	PHE 221—Health & Safety Ed. ....	2
	17		16

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MUS 301—Form & Analysis .....	2	MUS 303—Orchestration .....	2
*French, German, Spanish Elect. ....	3	*French, German, Spanish Elect. ....	3
MUS 321—Music His. and Lit. ....	3	MUS 322—Music His. and Lit. ....	3
MUS 343—Choral Cond. ....	2	MUS 362—Major Applied .....	4
MUS 361—Major Applied .....	4	MUS 374—Functional Piano .....	1
MUS 373—Functional Piano .....	1	Ensemble(s) .....	2
Ensemble(s) .....	2	MUS 336—Phonetics and Diction ....	1
	17		16

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
MUS 421—Music Literature .....	2	MUS 462—Major Applied Recital ....	4
MUS 461—Major Applied .....	4	Electives .....	4
Electives .....	6	Ensemble(s) .....	2
MUS 344—Instrumental Cond. ....	2	**Fine Arts Elective from Music, Art or Drama .....	3
Ensemble(s) .....	2	MUS 302—Twentieth Cen. Music ....	2
	16		15

\*Recommended for vocal majors and for those who plan to attend graduate school. All majors must elect six (6) hours from literature, journalism, speech, foreign language, or philosophy.

\*\*Students are strongly encouraged to elect courses in art, or drama.

## BACHELOR OF ARTS DEGREE WITH MUSIC MAJOR

## FRESHMAN YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 101—Eng. Comp. ....	3	ENG 102—Eng. Comp. ....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
PHE —Activity .....	1	PHE —Activity .....	1
MUS 101—Music Theory .....	3	MUS 106—Music Theory .....	3
MUS 161—Major Applied .....	2	MUS 162—Major Applied .....	1
MUS 171—Minor Applied .....	1	MUS 172—Minor Applied .....	1
Ensemble .....	1	Ensemble .....	1
GUI 100—Freshman Orient. ....	1		
	18		17

## SOPHOMORE YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
ENG 211—Intro. to Lit. ....	3	ENG 212—Intro. to Lit. ....	3
SCI 201—Intro. to Phy Sci. ....	3	MAT 100—Fund. of Math. ....	3
SOC 201—Intro. to Soc. Sci. ....	3	SOC 202—Intro. to Soc. Sci. ....	3
PHE —Activity .....	1	PHE —Activity .....	1
MUS 201—Music Theory .....	1	PHE 221—Health & Safety Ed. ....	1
MUS 203—Ear Train. & Sight Sing. ..	1	MUS 202—Music Theory .....	2
MUS 261—Major Applied .....	2	MUS 204—Ear Train. & Sight Sing. ..	1
MUS 271—Minor Applied .....	1	MUS 262—Major Applied .....	2
Ensemble .....	1	MUS 272—Minor Applied .....	1
	17	Ensemble .....	1
			18

## JUNIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
*Language Electives .....	3	*Language Electives .....	3
MUS 301—Form & Analysis .....	2	MUS 303—Orchestration .....	2
MUS 321—Music His. & Lit. ....	3	MUS 322—Music His. & Lit. ....	3
MUS 361—Major Applied .....	2	MUS 362—Major Applied .....	2
MUS 373—Functional Piano .....	1	MUS 374—Functional Piano .....	1
MUS 343—Choral Conducting .....	2	**Electives .....	3
PSY 200—General Psych. ....	3	***Electives .....	3
Ensemble .....	1	Ensembles .....	1
	17		18

## SENIOR YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
PHI 200—Intro. to Phil. ....	3	MUS 302—Twentieth Cent. ....	2
MUS 421—Music Lit. ....	2	MUS 462—Applied Recital .....	2
MUS 461—Major Applied .....	2	***Electives .....	10
MUS 344—Inst. Conducting .....	2	Ensembles .....	1
***Electives .....	6		
Ensemble .....	1		
	16		15

\*Languages are to be elected from German, French, or Spanish.

\*\*Electives from the areas of Art or Drama.

\*\*\*Electives from English composition & Literature, Foreign Languages, History, Social Studies & Philosophy, Art, Drama, Natural Science or Math.

## COURSE DESCRIPTION

## Music Theory, Composition, and Arranging

Music 100. *Theory Review.*

An introduction to the basic fundamentals of music notation, clefs, scales, meters, and rhythms. Includes music literature, sight singing and ear training. Credit 3 hours.

Music 101. *Music Theory I.*

Training in the fundamentals of musicianship, notation, clefs, construction and function of V-7 chords, Root position & inversions, meters & Rhythm. Ear training and sight singing correlated with course content. Credit 3 hours.

Music 102. *Music Theory II.*

Continuation of chord construction and chord functions, focus on 9th, 11ths, 13ths, and chromatic alterations and modulations correlated with analysis of melodic lines and harmonic possibilities-analysis of popular music scores which utilize chords covered in class. Ear training and sight singing correlated with harmonic and melodic materials covered in class. Credit 3 hours.

Music 104. *Ear Training and Sight Singing.*

Practice in melodic, harmonic, and rhythmic dictation, and sight singing. Credit 1 hour.

Music 105, 106, 205, 206. *Composition.*

Individual and class instruction in the basic elements of composition. The course of study follows very closely the logic of the music theory courses, beginning with aspects of melodic writing, then dealing with various two voice settings, and introducing harmony only after the basic materials have been mastered. Credit 1-2 hours. Prerequisite: consent of instructor.

Music 107-407. *Jazz Arranging and Composition.*

Individual and class instruction in writing for jazz ensemble, school stage band, and dance band. Includes written projects, original or arranged, for laboratory ensembles. Credit 1-2 hours.



**MUSIC 108-408. *Jazz Arranging and Composition.***

Continuation of the above. Credit 1-2 hours.

**MUSIC 201. *Music Theory III.***

Basic fundamentals of arranging, harmonic continuity, voice movement, open spacing of chords, instrumental and vocal ranges, transposition of woodwind and brass scores, rhythmic notation, and melodic analysis.

**MUSIC 202. *Music Theory IV.***

Improvisation on a given melody, harmonization of the improvised melody, methods of motivic development, harmonic tension, resolution and altered tension, voicing, part-writing, chord substitution, reharmonization, and writing scores for diverse ensembles. Credit 2 hours

**MUSIC 203. *Ear Training and Sight Singing.***

Melodic, harmonic, and rhythmic dictation, correlated with music 201, including analyzation and notation of recordings. Credit 1 hour.

**MUSIC 204. *Ear Training and Sight Singing.***

Melodic, harmonic, and rhythmic dictation correlated with Music 202, including analyzation of more complex notation of recordings. Credit 1 hour.

**MUSIC 251. *Introduction to Electronic Music.***

Introduction to the basic concepts of the acoustics of music, the operation and care of tape recorders, tape recording and editing techniques, and the use of acoustically recorded sounds in electronic music. The basic components of the Arp Synthesizer will be explained. Each student will complete one tape project during the semester. Credit 2 hours.

**MUSIC 252. *Introduction to the Arp Synthesizer.***

All of the components of the synthesizer—voltage controlled oscillators, filters, modulators, keyboards, etc. are explained and demonstrated. The various possible combinations of components to create a vast number of new instruments is explained and demonstrated. During Laboratory meetings students have an opportunity to create their own instruments using the Arp, and to work on musical compositions and projects. Credit 2 hours. Prerequisite: Music 251.

**MUSIC 301. *Form and Analysis.***

A study of basic musical forms, progressing from the smallest structural unit through the symphony. Melodic, rhythmic, harmonic, and formal design of each major genre will be studied in depth. Prerequisite: MUS 202. Credit 2 hours.

**MUSIC 302. *Twentieth Century Music.***

A study of representative scores of twentieth century music. Designed to promote an understanding of the methods and materials of contemporary music through analysis, recordings, and writing projects. The course includes lectures, discussions, reading assignments, and an experimental laboratory ensemble. Prerequisite: MUS 301. Credit 2-3 hours.

**MUSIC 303. *Orchestration.***

Instrumentation and score writing. Projects in writing and analysis for various instrumental groups. A complete score for full band or orchestra is required as a final written assignment. Prerequisite: MUS 301. Credit 2 hours.

**MUSIC 304. *Counterpoint.***

Analysis and written assignments with emphasis on contrapuntal practices as found in the works of J.S. Bach and other eighteenth-century composers. Credit 2 hours. Prerequisite: MUS 202.

**MUSIC 305, 306, 405, 406. *Advanced Composition.***

Instruction is based on the needs and interests of the students who will undertake one or more compositional projects each semester. These may be written for small groups, ensembles on campus, or in the medium of electronic music. Credit 1-2 hours. Prerequisites: MUS 105-206.

**MUSIC 306. *Head Arranging.***

Techniques and methods of organizing musical sound for two or more instruments and/or voices by means other than the traditional music notation. Credit 1 hour. Prerequisite: MUS 202 & 204. Consent of instructor.

**MUSIC 307. *Head Arranging.***

Continuation of Music 306, more advanced techniques of aurally organizing music sound, including quasi notation. Credit 1 hour.

**MUSIC 351, 352, 451, 453. *Electronic Music Studio.***

Independent compositional work using the Arp Synthesizer. Credit 1 or 2 hours. Prerequisite: MUS 252, and permission of the instructor.

**MUSIC 401. *Twentieth Century Harmony.***

A study of the diverse approaches to harmony in twentieth century music including 9th chords, parallel chordal writing, polytonality atonality, and added note chords. The concept of harmony will be studied from the acoustics as well as from the stylistic point of view. Credit 2 hours. Prerequisite: MUS 302 or permission of the instructor.

**MUSIC 402. *Twentieth Century Counterpoint.***

A study of the various forms of counterpoint used in the twentieth century, especially in the works of major composers such as Bartok, Stravinsky and Webern. Credit 2 hours. Prerequisite: MUS 401 or permission of the instructor.

**MUSIC 403. *Choral Arranging.***

Practical arranging and writing of suitable materials for choral groups on the public school level. Prerequisite: MUS 104. Credit 2 hours.

**\*MUSIC 121. *Expressive Arts.***

A three hour course dealing with the expressive arts—music, mythology, painting, architecture, sculpture and dance in the cultures of Africa and Asia, with special emphasis on West Africa and India. The expressive arts will be studied in their social context. Through an understanding of the arts of other cultures, the students will be better prepared to appreciate the arts of his own culture. Credit 3 hours.

**\*MUSIC 122. *Expressive Arts.***

An eclectic course which surveys the expressive arts—painting, sculpture, music, drama and poetry in contemporary American Society. Topics studied include new Black poetry and drama, the evolution of blues and jazz from their African roots up to present day experimental jazz including sociological aspects which have affected Afro-American artistic expression. New developments in the visual arts, including abstract painting, pop art and "happenings" are indispensable parts of the course. Credit 3 hours.

**MUSIC 221-222. *Music Appreciation.***

General orientation and study of representative musical literature of all periods and styles. Not open to music majors. Credit 3 hours each semester.

**MUSIC 223. *Jazz History and Literature.***

A survey of Jazz and its performers from the beginning to the present. All idioms,

big band, combo, and soloists will be studied, using selected readings and recordings. Credit 2 hours.

**MUSIC 321. *Music History and Literature.***

A survey of music and its development from its beginning through the Baroque period. Analysis of representative music works with emphasis on forms, styles and musical concepts in relation to their historical and cultural background. Credit 3 hours.

**MUSIC 322. *Music History and Literature.***

A continuation of MUS 321. A survey of representative musical works from 1750 to the present. Credit 3 hours.

**MUSIC 323. *Afro-American Music.***

A study of the music literature of the Afro-American. Includes lectures, discussions, readings and listening assignments, spirituals, blues, miscellaneous songs, jazz, non-jazz, and symphonic literature of the Afro-American. Credit 2-3 hours.

\*These courses embrace more than music alone. The expressive arts courses are designed to fulfill requirements in fine arts. The courses are also designed to survey the entire fine arts spectrum.

**MUSIC 324. *Afro-American Music Project.***

Independent study of music of the Afro-American. A written project (originally composed or arranged) for instrumental and/or choral ensemble, based on music materials or literature of the Afro-American. Prerequisite: MUS 301 and permission of the instructor. Credit 2-3 hours.

**MUSIC 421-422. *Music Literature.***

A survey of the principal forms, periods, and composers of Western music, presented in lectures and laboratory listening periods. Two lectures and two listening hours per week. Credit 2 hours each semester.

## MUSIC EDUCATION

**MUSIC 131-431. *Music Business Seminar.***

Covers problems of the music business such as selection of personnel, management problems, music contract negotiations, role of booking agencies, understanding of union policies and affiliation. Outside resource persons will be used as often as possible. Credit 1 hour.

**MUSIC 132-432. *Music Business Seminar.***

Credit 1 hour.

**MUSIC 141. *String Class.***

Fundamentals of string technique, study of scales, and performance of graded ensemble material. Two class periods a week. Credit 1 hour.

**MUSIC 142. *String Class.***

Continuation of MUS 141 objectives. Two class periods a week. Credit 1 hour.

**MUSIC 157-457. *Commercial Music Ensemble.***

Designed to cover a variety of musical styles including jazz, rhythm and blues, rock, standard-popular, and country western. Performance in the various styles is a prime objective. Emphasis is placed on listening to selected recordings, aural analyzation, and comparative discussions of the various style characteristics. Credit 1 hour.

**MUSIC 158-458. *Commercial Music Ensemble.***

Credit 1 hour.

**MUSIC 236. *Voice Class and Diction.***

A course designed primarily to meet the needs of instrumental music majors or students with little or no previous training in vocal music. Two class periods a week. Credit 1 hour each semester.

**MUSIC 331. *Music in the Elementary School.***

A study of methods, materials and techniques of teaching music in the elementary school. Selected visits and observations of public school classroom. Credit 2 hours.

**MUSIC 332. *Music in the Secondary School.***

A study of methods, materials and techniques of teaching music in the secondary school. Selected visits and observations of public school classrooms. Credit 3 hours.

**MUSIC 333. *Music Fundamentals.***

A course designed primarily to meet the needs of the elementary classroom teacher. Training in basic musicianship through keyboard and vocal practices. Not open to music majors. Credit 3 hours.

**MUSIC 334. *Music for Elementary Teachers.***

A continuation of MUS 333 including materials and methods of teaching music in elementary school. Not open to music majors. Prerequisite: MUS 333. Credit 3 hours.

**MUSIC 336. *Phonetics and Diction.***

Phonetics applied to French, German, and Italian vocal literature. Class and individual clinical analysis and practices. Two class periods a week. Credit 1 hour each semester.

**MUSIC 341. *Jazz Conducting.***

Interpretation of jazz charts, rhythmic articulation, ensemble, attacks and releases, dynamics and phrasing, ensemble balance, ensemble entrances and cut-offs.

**MUSIC 343. *Choral Conducting.***

A study of basic conducting techniques. Performance, analysis and evaluation of choral literature. Prerequisite: MUS 202. Credit 2 hours.

**MUSIC 344. *Instrumental Conducting.***

A study of basic conducting techniques. Performance, analysis and evaluation of instrumental literature. Prerequisites: MUS 303 and MUS 343. Credit 2 hours.

**MUSIC 345. *Band and Classroom Instruments.***

Designed to meet the needs of students preparing to teach vocal music and classroom music. Woodwind, brass, percussion, and classroom instruments including guitar and ukulele techniques of teaching and methods of performing. Credit 2 hours.

**MUSIC 346. *Brass Class.***

Fundamentals of brass instrument techniques and teaching methods. Two class periods a week. Credit 1 hour.

**MUSIC 347. *Percussion Class.***

Fundamentals of percussion including instruments of definite and indefinite pitch along with mallet instruments. Designed to cover techniques and teaching methods. Two class periods a week. Credit 1 hour.

**MUSIC 400. *Music and Business Internship.***

Includes optional internship in a recording studio, internship in the area of on the job performances, internship in the area of composing, and/or arranging

music for live performance, or an internship encompassing a combination of some or all the preceding areas. \*3-6 hours credit—\*15 hours of time spent in the studio, or on the job yields 1 credit hour, 30 hours of time spent in the studio, or on the job yields 2 credit hours, and so forth, credit hours for composers and arrangers will depend on length and complexity of projects as evaluated by faculty advisors. Credit 3-6 hours.

**MUSIC 435. *Vocal Techniques and Problems.***

Identification and solution of problems in the phonetics of French, German, Italian, and English, approached through choral literature for pre-adult voices. Techniques for solving problems in vocal production and voice classification. Includes practicum and research. Two class periods a week. Credit 1 hour.

**MUSIC 437. *Instrumental Methods and Techniques.***

Organization and administration of school instrumental music programs, including practical studies in marching band techniques. Preparation of pageants and routines for half-time shows. Credit 1 hour.

**MUSIC 441. *Woodwind Class.***

Fundamentals of woodwind instrument techniques and teaching methods covering clarinet, saxophone, and flute. Two class periods a week. Credit 1 hour.

**MUSIC 442. *Double Reed Woodwind Class.***

Fundamentals of oboe and bassoon teaching techniques and methods. Includes selection and preparation of reeds. Credit 1 hour.

**MUSIC 443. *Voice Class.***

Class instruction in the basic techniques of vocal production. Designed for music education students who do not study major or minor applied voice. Credit 1 hour.

**MUSIC 444. *Vocal Literature.***

A survey of solo songs of all periods and styles. Two class periods a week. Credit 2 hours.

### APPLIED MUSIC

Instruction is available in the following fields: Voice, Piano, Organ, Stringed Instruments, Woodwind Instruments, Brass Instruments and Percussion Instruments.

**\*MUSIC 161-162. *Major Applied, I***

(Instrument or Voice) Materials and literature based upon the individual needs of the student. Designed to prepare the student to meet the performance requirements in his major field of concentration. One half-hour lesson and two laboratory seminars each week. Credit 2 hours each semester.

**MUSIC 261-262. *Major Applied, II***

A continuation of MUS 161-162 at the sophomore level. Credit 2 hours each semester.

**MUSIC 361-362. *Major Applied, III***

A continuation of the above at the junior level. By the end of the junior year the literature of the public senior recital appearance should be formulated. Credit 2 hours each semester; 4 hours for Applied Music Majors each semester.

**MUSIC 461-462. *Major Applied, IV***

A continuation of the foregoing at the senior level including the preparation for the senior recital. Credit 2 hours each semester. Credit 4 hours for Applied Music Majors each semester.

**MUSIC 171-172. *Minor Applied, I***

(Instrument or Voice) Private or class instruction in secondary performance areas designed to meet the functional needs of each student. One half-hour private lesson or one or two class periods each week. Voice majors are advised to elect piano for one hour credit. Credit ½ or 1 hour each semester.

**\*\*MUSIC 271-272. *Minor Applied, II***

A continuation of the above at the sophomore level. Credit ½ or 1 hour each semester.

**MUSIC 273-274. *Commercial Keyboard Skills.***

Designed to provide a functional foundation for playing chords & diverse voicings with selected melodic structures. Emphasis placed on playing melodies with chordal accompaniment, selecting appropriate chordal accompaniment and voicings. Credit 1 hour.

**MUSIC 371-372. *Minor Applied, III***

Continued emphasis on functional needs of each student. Credit ½ or 1 hour each semester.

**MUSIC 373-374. *Functional Piano.***

More advanced material with specific emphasis on the functional keyboard needs of each student. Credit ½ hour each semester.

\*Each sequential applied music course is a prerequisite to its successor.

\*\*Designed to aid students in minimally preparing for piano proficiency examination.

### ENSEMBLES

**MUSIC 111, 211, 311, 411. *Opera Workshop, I***

Membership is open to all students who successfully pass the auditions given each semester. An organization specializing in the study of operatic masterpieces. Credit ½ or 1 hour each semester.

**MUSIC 112, 212, 312, 412. *Opera Workshop, II***

Credit ½ or 1 hour each semester.

**MUSIC 127-427. *Experimental Jazz Laboratory Ensemble.***

A laboratory maintained for the study of jazz improvisation, geared to meet the needs of students who are interested in studying past, present, and future trends of jazz performance. Credit 1 hour.

**MUSIC 128-428. *Experimental Jazz Laboratory Ensemble, II***

Credit 1 hour.

**MUSIC 153, 253, 353, 453. *Experimental Laboratory Ensemble, I***

A laboratory maintained for the study and performance of student compositions and other chamber works, with emphasis on compositions by twentieth-century composers. Credit ½ or 1 hour each semester.

**MUSIC 154, 254, 354, 454. *Experimental Laboratory Ensemble, II***

Credit ½ or 1 hour each semester.

**MUSIC 155, 255, 355, 455. *Jazz Ensemble, I***

Open to all students of Kentucky State University by audition. Standard and original compositions and arrangements are studied and performed so as to allow students an opportunity to understand musical interpretation and technical devices employed in music of the jazz idiom. Credit ½ or 1 hour each semester.

**MUSIC 156, 256, 356, 456. *Jazz Ensemble, II***

Credit ½ or 1 hour each semester.

MUSIC 181, 281, 381, 481. *Marching Band.*

During the fall season, band activities are devoted primarily to the Marching Band which provides musical support for athletic events of Kentucky State University. The organization is open to all students in the University on the approval of the Director. Credit ½ or 2 hours each semester or 1 hour.

MUSIC 182, 282, 382, 482. *Concert Band.*

The Concert Band is organized at the close of the football season. Open to all qualified students of Kentucky State University who are interested in the study and performance of the literature for concert and symphonic bands. Credit 1 hour each semester.

MUSIC 183, 283, 383, 483. *Orchestra, I*

Membership is open to all qualified students, faculty members and persons in the community who are interested in the performance of literature for the orchestra. Credit 1 hour each semester.

MUSIC 184, 284, 384, 484. *Orchestra, II*

Credit 1 hour each semester.

MUSIC 187-487. *Instrumental Chamber Ensemble, I*

Offered to afford opportunities for students to study literature which is not usually performed by the major ensembles. Geared to perform percussion, small woodwind, small brasswood, woodwind choir, brass choir, or various small combinations of brass, woodwind, or percussion literature.

MUSIC 188-488. *Instrumental Chamber Ensemble, II*

Credit 1 hour.

MUSIC 191, 291, 391, 491. *Concert Choir.*

A mixed ensemble organized for the study of the best sacred and secular choral literature. Open to all students of Kentucky State University by audition. The choir presents several programs on the campus and on an annual spring tour. Credit 1 hour.

MUSIC 194, 294, 394, 494. *University Choir, I*

Credit 1 hour each semester.

MUSIC 193, 293, 393, 493. *University Choir, II*

The University Choir is organized primarily for the performance of large choral works and frequently appears at chapel services. Membership may be shifted from one choir to the other. Open to all students of Kentucky State University. Credit 1 hour each semester.

MUSIC 194, 294, 394, 494. *University Choir, III*

Credit 1 hour each semester.

MUSIC 195, 295, 395, 495. *Choral Chamber Music.*

A laboratory designed for the study of standard chamber choral literature. Credit 1 hour each semester.

MUSIC 196-496. *Jazz, Pop, Gospel Ensemble, I*

Performance of choral jazz works, popular choral styles, and gospel idioms is a primary objective of the ensemble. Listening to representative performances of the particular styles is an integral part of the course. Attention is focused on proper choral techniques such as diction, breathing, posture, enunciation and concept of sound for the various types of choral music.

MUSIC 197-497. *Jazz, Pop, Gospel, Vocal Ensemble, II*

Credit 1 hour.

## DEPARTMENT OF NURSING EDUCATION PHILOSOPHY AND AIMS

As an integral part of Kentucky State University, the Nursing Education Program correlates its philosophy and aims with those of the institution.

### PHILOSOPHY

Every person is an individual human being with dignity and rights. A person does not or should not lose his dignity and rights as an individual because he is sick or well, young or old, clean or unclean, rich or poor, criminal or law-abiding. Every human being has physical, psychological, social and spiritual needs that must be met if he is to survive, grow and become a productive member of society. The unique function of nursing is to assist an individual with an actual or potential illness or disability with those activities that he is unable to perform himself, and to do this in such a way as to make him more comfortable and help him to regain his maximum independence.

Because learning is a behavioral change which is achieved through a planned sequence of experiences, learning activities are planned in such a way as to: reinforce each other, motivate interaction between the learner and environment, and become meaningful to the learner.

The aspiring nursing student should possess an adequate intellectual capacity and desire to learn. The faculty intends to: guide his learning experiences, challenge him with carefully selected problem-solving situations in nursing (difficult enough to require considerable thought and use of organized knowledge, yet possible for him to solve), and prepare him with beginning skills based on the following beliefs that the technical nurse:

1. is a highly skilled practitioner whose practice is limited in scope but not in depth;
2. needs both intellectual and manual competence in order to provide direct quality nursing care;
3. deals with common recurring problems stemming from common physiological and social difficulties, standardized nursing actions, medically delegated techniques, and patterns of intervention in patient care which yield predictable results;
4. is a nursing and health team member and at times, the leader of a small nursing team under the guidance of a professional nurse.

### AIMS

The Kentucky State University Nursing Education Program provides a combination of general education and nursing education for selected men and women preparing them for beginning staff nurse positions in hospitals and other comparable health agencies.

Successful completion of the Program qualifies the graduate to receive an Associate in Applied Science Degree in Nursing and to write the examination for licensure as a Registered Nurse in the State of Kentucky.

This nursing education program is complete for its purpose; however, credits earned may be applied—in whole or in part depending upon the policies of the accepting institution—toward a baccalaureate degree in nursing.

The Kentucky State faculty is responsible for all instruction including the arts, sciences and nursing. The selection, supervision and evaluation of students' learning experiences in nursing are the responsibility of the nursing faculty in the classroom and in the health care settings.

With appropriate participation from the academic community and the accrediting bodies, the nursing faculty provides for on-going evaluation and appraisal of the extent to which the program is meeting its purposes and objectives.

### GENERAL INFORMATION

The prospective nursing student who plans to enter the Associate Degree Nursing Program at Kentucky State University must complete and forward the following to the Director, Department of Nursing Education, Kentucky State University, Frankfort, Kentucky 40601:

1. Application for admission to the nursing program.
2. Transcripts from previously attended schools.
3. ACT Score.
4. Take English Placement Test first week in June.

This information must reach the Nursing Office on or before July 1 for admission to the fall term.

After the student has been accepted by the University, has filed the application information with the Nursing Department, and has been accepted for admission to Nursing, he or she will receive confirmation from the Director.

All applications filed with the Nursing Department will receive notification concerning the action taken on request for admission to the Nursing Program.

### OBJECTIVES

The nursing curriculum is person- and problem-centered and has a dual focus—it is based on the needs of the student and the needs of the patient. It is designed to prepare the graduate with competence to:

1. Use knowledge, skill, understanding and values from elementary principles of biological, physical, medical and social sciences in nursing care;
2. Promote and maintain effective human relations, observational skills and communications with individuals and groups of patients, families and members of the health team;
3. Combine intellectual skills, emotional responsiveness and manual dexterity necessary to organize, implement and evaluate a plan of nursing care to meet the needs of one or more patients;
4. Participate in health education of the patient and family utilizing community resources;
5. Assume responsibility for planning with and closely supervising less skilled nursing assistants in the technical aspects of patient care;
6. Plan for nursing care of patients with other members of the health team;
7. Assume responsibility and obligation for continued learning necessary for competent nursing practice and active citizenship.

### REQUIREMENTS FOR ACCEPTANCE INTO NURSING COURSES

C average in high school and/or C average in previous college courses.  
ACT Composite Score of 19.

Eligible to enroll in English 101 (acceptable score on English Placement Test).

Applicants not meeting the admission requirements for the Nursing Courses are counseled into a three-year plan. The applicant will be accepted as a pre-nursing student in the Department of Nursing Education. The applicant is counseled to take a minimum of twenty-four semester hours (twelve hours per semester), of the general education requirements in the Nursing Curriculum. A C average must be maintained in these general education courses to be admitted into the Nursing Courses.

### EXPENSES

Nursing students pay the same general university and residence hall expenses as other students.

Nursing expenses include the following:

Uniform (Estimated) .....	\$ 50.00
Cap .....	4.95
Name Pin .....	2.50
Bandage Scissors .....	2.75
Books (Estimated) .....	200.00
Liability Insurance (per year) .....	21.00
One pair white nurse's shoes .....	—
White nylon hose .....	—
Wrist watch with sweep second hand .....	—

### REQUIREMENTS FOR SATISFACTORY COMPLETION OF NURSING PROGRAM

- C (2.0) in each of the five Nursing Courses
- C (2.0) in English 101 and English 102
- C (2.0) in Anatomy and Physiology (BIO 107 and 108)
- C (2.0) cumulative point standing.

### ASSOCIATE IN APPLIED SCIENCE DEGREE— NURSING CURRICULUM

#### FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
BIO 107—Anatomy and Physiology I. 3		BIO 108—Anatomy and Physiology II 3	
BIO 204—Fundamentals of Microbiology .....	3	PSY 200—General Psychology .....	3
NUR 101—Nursing I .....	8	NUR 102—Nursing II .....	8
	17		17



## SECOND YEAR

<i>Fall Semester</i>	<i>Hours</i>	<i>Spring Semester</i>	<i>Hours</i>
*Elective .....	3	*Elective .....	3
EDU 221—Human Development and Psychology I .....	3	PSY 222—Human Development and Psychology II .....	3
SOC 201—Introduction to Social Science .....	3	NUR 202—Nursing IV .....	10
NUR 201—Nursing III .....	10	NUR 203—Nursing V .....	2
	<hr/> 19		
		38 hrs. Nursing	
		33 hrs. General Education	
		<hr/> 71 hrs.—Total	

The Faculty reserves the right to include a summer session between the first and second year if so indicated.

\*Chemistry, Nutrition, Physical Science, or Social Science.

## COURSE DESCRIPTION

## NURSING 101.

An introductory course focusing on basic human needs and development, interpersonal relationships, and beginning skills of patient care. The nursing process is used to implement these concepts. This course serves as a basis upon which future courses in major health disorders can be built. Laboratory experience is provided in various settings. 4 hours class and 8 hours laboratory per week. Credit 8 hours.

## NURSING 102.

This course is designed to develop further the student's ability to care for individuals. The focus is on identification of nursing problems in relation to patients with major physical and mental health disorders that interfere with basic human needs. Emphasis is also upon the application of scientific and nursing principles and techniques, therapeutic nurse—patient relationships, and behavioral concepts basic to the care of patients in the psychiatric and general hospital setting. Prerequisite: Nursing 101. 4 hours class and 8 hours laboratory per week. Credit 8 hours.

## NURSING 110.

This course is designed to introduce the art and science of Nursing and to prepare the student to enter the sequence of Nursing Courses better able to successfully complete it. Reading skills, reading comprehension, associative learning technique, basic math and techniques of effective studying are an integral part of the course. Three hours of class per week. Credit 3 hours.

## NURSING 111.

This course is designed to further develop the student's ability in reading skills, reading comprehensive, associative learning technique, basic math, and techniques of effective studying. The student is further acquainted with the art and science of Nursing. Prerequisite: Nursing 110. Three hours class per week. Credit 3 hours.

## NURSING 201.

This course is designed to prepare the student to give family-centered nursing care, applying nursing principles and techniques in the care of mothers during the maternity cycle and the care of the child from conception through adolescence. Emphasis is placed on the normal aspects of pregnancy, labor, delivery,

and the puerperium. Common complications occurring during the maternity cycle are also considered. In the nursing cycle of children, principles of growth, development, and family-centered care are emphasized. Additional pediatric content and learning experiences include: care of the ill child, major diseases of children common to specific age groups, the response of the child to illness and to separation from the family. Prerequisites: Nursing 101 and Nursing 102. 5 hours class and 10 hours laboratory per week. Credit 10 hours.

## NURSING 202.

The focus of the final clinical nursing course is on developing a co-ordinated approach to planning and implementing nursing care. The student learns to assume more responsibility for identifying nursing problems, planning and implementing nursing care of patients with major physical and mental health disorders. The laboratory experience provided include an opportunity for the student to direct a small nursing team in planning and giving care to a selected group of patients. Prerequisites: Nursing 101, Nursing 102, and Nursing 201. 5 hours class and 10 hours laboratory per week. Credit 10 hours.

## NURSING 203.

A seminar course for discussion of issues and trends in nursing, legal and ethical components of nursing practice; job opportunities and career satisfaction, continuing education, and professional responsibilities and relationships. This course is designed to assist the student in making the transition from a student of nursing to an active practitioner of nursing. Prerequisites: Nursing 101, Nursing 102, and Nursing 201. 2 hours class per week. Credit 2 hours.



## THE BACHELOR OF PUBLIC AFFAIRS DEGREE PROGRAM

The undergraduate program in Public Affairs attempts to provide three basic things for the student. The first is preparation of the skills essential for careers in public management. The second is relevance to the vital and complex organizational and institutional problems of the contemporary scene. The third is a solid liberal arts foundation, with intellectual stimulation and growth.

The program offers interdisciplinary studies, including accounting, economics, management, political science, sociology, and other areas. The program structure is flexible and is designed so the student is able to plan closely with his advisor to select elective courses that are appropriate to his or her particular goals. Emphasis on realistic problem-solving applications is stressed; and, the State Capital setting provides an unusually realistic and "real-world" tone to the program, including opportunities for interaction with experienced practitioners with a wide range of backgrounds.

Governments at all levels are continuing to grow in size and scope, providing diverse opportunities for employment in a variety of special areas. Upon completion of the program, the student should have a good basis for immediate public sector employment; or, for further education in Public Affairs-related areas such as law or various graduate programs.

### UNDERGRADUATE CURRICULUM IN PUBLIC AFFAIRS

#### I. General Education Requirements

In order to complete requirements for graduation, each student must earn at least 128 semester hours. General education courses are to be selected from four areas.

A. <i>Communications and Humanities</i>	<i>Semester Hours</i>
English Composition .....	6
Literature .....	3
Fine Arts (music, art, drama) .....	3
Selected from Literature, journalism, speech, foreign language, philosophy .....	6
	18

The School of Public Affairs will require English 207 (Technical Writing) and English 103 (Fundamentals of Speech).

B. <i>Mathematics and Natural Science</i>	<i>Semester Hours</i>
General Biology .....	6
Mathematics .....	6
	12

The School of Public Affairs will require Math 101 and 203. Math 204 may be substituted for Math 101 depending on student's background. It is suggested that 3 hours of Math be substituted for 3 hours of Physical Science.

C. <i>Social Science</i>	<i>Semester Hours</i>
World Civilization .....	6
Introduction to Social Science .....	6
	12

D. <i>Health and Physical Education</i>	<i>Semester Hours</i>
Activity .....	4
Health and Safety Education .....	2
	6

Total Semester Hours General Education: 48

#### II. Area of Concentration—Professional Core

A. <i>Political and Economic Studies</i>	<i>Semester Hours</i>
Economics 211—Principles of Economics (Micro) .....	3
Economics 212—Principles of Economics (Macro) .....	3
Political Science 211—Introduction to Political Science .....	3
Political Science 341—Introduction to Public Administration ..	3
PUA 500—Public Sector Economics I (Micro) .....	3
PUA 501—Public Sector Economics II (Macro) .....	3
	18

B. <i>Analytical Tools</i>	
Accounting 261—Principles of Accounting .....	4
Accounting 262—Principles of Accounting .....	4
Computer Science 101-210—Programming I .....	3
Computer Science 200—Systems Design and Analysis .....	3
Economics 312—Business Statistics .....	3
PUA 503—Practices and Concepts of Public Budgeting .....	3
PUA 504—Financial Administration in the Public Sector .....	3
PUA 561—Quantitative Methods for Management .....	3
	26

C. <i>Individual Group Organization Dynamics</i>	
Psychology 200—General Psychology .....	3
Sociology 401—Social Psychology .....	3
	6

D. <i>Policy Analysis</i>	
PUA 563—Techniques of Policy Analysis .....	3
	3

E. <i>Administrative Management Processes</i>	
Political Science 442—Public Personnel Administration .....	3
PUA 560—Public Sector Management .....	3
	6

F. <i>Seminar</i>	
PUA 490—Senior Seminar .....	3
	3

Total Semester Hours Area of Concentration: 62

#### III. Electives

The student should judiciously select 18 credit hours of electives with the consent of his/her undergraduate faculty advisor from the following courses.

## Suggested Electives\*

Dept.	Number	Title	Semester Hours
PUA	461	Individual Investigation .....	1-6
PUA	502	Financing Public Affairs .....	3
PUA	530	Social Planning and Community Development .....	3
PUA	533	Regional Planning and Design .....	3
PUA	535	Strategies for Regional Development .....	3
PUA	536	Labor Force Planning and Labor Market Analysis ....	3
PUA	539	Ecological and Social Systems Analysis .....	3
PUA	564	Health Systems Organizations Management .....	3
PUA	565	Labor Relations and Collective Bargaining .....	3
PUA	567	Housing Management .....	3
PUA	550	Environmental Law .....	3

Total Semester Hours Electives: 18

\*NOTE: Courses from other departments may be taken as electives with the consent of the undergraduate advisor.

### CURRICULUM IN PUBLIC AFFAIRS (Area of Concentration)

## FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
MAT 101—College Algebra .....	3	MAT 203—Calculus .....	3
GUI 100—Freshman Orientation ... ½		PHE —Activity .....	1
PHE —Activity .....	1	PHE 221—Health & Safety .....	2
GED Elective .....	3	#Fine Arts Elective .....	3
	16½		18

## SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
ENG 211—Intro. to Literature .....	3	PHE —Activity .....	1
SOC 201—Intro. to Social Science ...	3	SOC 202—Intro. to Social Science ...	3
**General Education Elective .....	3	ACC 262—Prin. of Accounting .....	4
PHE —Activity .....	1	ECO 212—Prin. of Economics .....	3
ACC 261—Prin. of Accounting .....	4	POL 211—Intro. to Political Science ...	3
ECO 211—Prin. of Economics .....	3	PSY 200—General Psychology .....	3
	17		17

## JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
POL 341—Intro. to Public Admin. ...	3	COS 200—System Design & Anal. I ...	3
COS 101-210—Fortran or Cobol .....	3	PUA 561—Quantitative Methods .....	3
ECO 312—Business Statistics .....	3	PUA 501—Public Sector Economics II ...	3
PUA 500—Public Sector Economics I ...	3	PUA Elective .....	3
#PUA Elective .....	3	PUA Elective .....	3
	15		15

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
SOC 401—Social Psychology .....	3	PUA 490—Senior Seminar .....	3
POL 442—Public Personnel Admin. ...	3	PUA 504—Financial Admin. ....	3
PUA 503—Public Budgeting .....	3	PUA 563—Techniques of Policy Analysis .....	3
PUA 560—Public Sector Management ...	3	PUA Elective .....	3
PUA Elective .....	3	PUA Elective .....	3
			15

### DEPARTMENT OF SOCIOLOGY THE SOCIAL SCIENCES AREA OF CONCENTRATION AND SOCIAL WORK

This Department conceives its tasks as developing abilities, skills and thought processes within the social disciplines. Five major goals are: to guide students toward a strong background that will prepare them for graduate study; to guide them toward strong preparation for teaching content while applying advanced methods; to train students as social workers and also to prepare them for advanced study on the graduate level; to serve the various curricula calling for Cultural Anthropology, Basic Geography, Social Science, Social Problems, Sociology and Social Work credits; and to establish the objective principles of the scientific method in creative and innovative ways as approaches to fundamental inquiry, learning experiences and research.

Students who wish to take Sociology as a major or minor, students wishing to meet the requirements in the Social Sciences Area of Concentration, and students who wish to major in Social Work must follow the prerequisites and sequences in the ordered manner described. Specific examples are: Sociology 201 and Sociology 202 are prerequisites for all students majoring in Sociology, Social Science and Social Work. Sociology 102 is the prerequisite for Sociology 211 and/or 212. Sociology 204 and 205 are required basic courses for all students who are majors or minors in this department, and also those students who are taking courses in this department for electives or special credits. Sociology 431 is open to seniors only.

Exceptions occur in individual cases. Advanced students with strong academic records may be approved to take concurrently Sociology 303, 304, 305, 306, 308, 331, 350 or 423 while they are taking Sociology 204 or 205. In the case of Social Work, exceptions will be determined by the Director of the Social Work Program. Special students with strong academic backgrounds and exceptional experiences may qualify for a few courses out of sequence after an evaluation by the department and approval by an academic officer. Identical and closely similar content courses from other "A" accredited institutions may be substituted for prerequisites or requirements after an evaluation by the Department. Several courses offered by the Afro-American Studies, Political Science and the Administrative Intern programs may be substituted for upper level History courses upon agreement between the departments and the student. In rare cases approved during registration, selected students may take Sociology 401 after satisfying Psychology 200 as a prerequisite. Unavoidable conflicts in schedules and repeated cancellations of announced course offerings may allow majors in Sociology to seek substitute credits in two sociologically-oriented courses identified as Education 433—Alcoholism and Other Problems of Alcohol or Education 434—Drug Addiction and Other Problems of Drugs, but this is not automatic.

## SOCIOLOGY MAJOR REQUIREMENTS:

- PREREQUISITES are Sociology 102, 201 and 202.
- REQUIREMENTS are Sociology 204, 205, 305, 306, 308, 401 and 6 additional upper level credits in Sociology selected by the student. Sociology 303 and 431 are strongly recommended. Sociology 406 is strongly recommended to students who desire to attend graduate school.

Biology 101 and 102; Economics 211; Guidance 100, Psychology 200, Education 221 and 222; English (100) 101, 102, 211 and 212; Fine Arts—3 credits; Foreign Language 101, 102, 201 and 202; History 101 and 102; Mathematics 100 or 101 or 3 credits in college mathematics; Physical Education 101, 102, 201 and 202 or equivalent "service courses" offered by the Department of Physical Education, and 221; Science 201 and 202; Electives and Minor combined—30½ credits.

*Minor Departments Determine Their Minor Requirements.*

### MINOR REQUIREMENTS:

- A. Prerequisites are Sociology 102, 201 and 202.
- B. REQUIREMENTS are Sociology 204 and 205 and 12 additional upper level credits in Sociology selected by the student providing that prerequisites are met for each course selected.

### UNDERGRADUATE REQUIREMENTS FOR THE SOCIAL SCIENCES AREA OF CONCENTRATION

There is no minor in an Area of Concentration. All courses are required. Exceptions and substitutes are explained on the previous page. Electives are limited to 7½ credits.

COURSE REQUIREMENTS are Sociology 102, 201, 202, 211, 204, 205, 305 and 3 additional upper level credits in Sociology selected by the student. Biology 101 and 102; Economics 211 and 212; Education 100, 400, 410SS, 412 and 492; Psychology 200, Education 222. *NOTE: The Department of Education Directs All of Its Deadlines, Special Tests and Qualifications For Directed Teaching.* It is the student's duty to meet them.

English (100) 101, 102 and 211; Fine Arts—3 credits; Foreign Language 101 and 102; History 101, 102, 201, 202, 301, 302, 405, and 411 (See previous page about exceptions and substitutes); Mathematics 100 or 101 or 3 credits in college mathematics; Physical Education 101, 102, 201 and 202 or equivalent "service courses" offered by the Department of Physical Education, and 221; Political Science 111 and 112 (See previous page about exceptions); Science 201 and 202; Electives 7½ credits.

AUDITING of courses for no-credit presupposes participation but the prerequisite sequences do not apply to auditors as such.

SOCIOLOGY 400. *Honors Seminar* for advanced creative and innovative students is in the planning stage for sensitive equipment, personnel and interdisciplinary relationships.

### UNDERGRADUATE REQUIREMENTS FOR A MAJOR IN SOCIAL WORK

A minor is not required. The purpose of the Social Work program is to provide students an understanding of individual and group behavior and of the system of human services that our society has developed to aid individuals and groups in attaining a satisfying standard of life and health which permits them to develop their full capacities in harmony with the needs of their families and the community.

Specific program objectives are:

1. To prepare students at the beginning level of competence for employment in social service agencies.

2. To prepare students for graduate social work education by providing a basic core of knowledge, skills and values.
3. To enrich the personal life experience of students by enlarging the vision of social welfare needs, services and issues.
4. To meet the identified need for baccalaureate-trained social workers, representing minority groups, who are competent to deal with the most prominent issues of our nation, namely institutional racism and poverty, through remediation as well as structural and policy changes.

There is a minor offered in Social Work. It consists of 20 semester hours. All courses in the Social Work curriculum are required, with the exception of 15 credits of upper level Social Work courses which can be taken as electives (see Social Work Curriculum).

While the sequence of the course offerings is self-suggesting in terms of the Social Work curriculum according to the level of the courses, the Director of the Social Work program will determine the prerequisites of the order of courses that the student should follow.

The requirements for an undergraduate degree in Social Work are 128 semester credit hours. These hours include 32 hours in Social Work, 24 hours of Sociology, 15 hours in Social Work upper class electives and 57 hours in other departments. The Social Work program does not require a foreign language.

## CURRICULUM IN SOCIOLOGY

### FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
GUI 100—Fresh. Orientation .....	1	PSY 200—General Psychology .....	3
ENG 101—English Composition .....	3	ENG 102—English Composition .....	3
FRE 101—		FRE 102—Elementary French	
SPA 101—Elementary Spanish .....	3	SPA 102—Elementary Spanish .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
MAT 100—Fund. of Mathematics or		Fine Arts (Art, Drama or Music) ....	3
MAT 101—College Algebra .....	3	PHE —Activity .....	1
PHE —Activities .....	1		
	17		19

### SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
EDU 221—Human Dev. & Psych. I ..	3	EDU 222—Human Dev. & Psych. II ..	3
ENG 211—Introduction to Literature.	3	ENG 212—Introduction to Literature..	3
FRE 201—Intermediate French		FRE 202—Intermediate French	
SPA 201—Intermediate Spanish .....	3	SPA 202—Intermediate Spanish .....	3
PHE —Activity .....	1	PHE —	
PHE 221—Health and Safety .....	2	SCI 202—Introduction to Phy. Sci. ..	3
SCI 201—Introduction to Phy. Sci. ..	3	SOC 202—Introduction to Soc. Sci. ..	3
SOC 201—Introduction to Soc. Sci. ..	3		
	18		16

### JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
ECO 211—Principles of Economics ..	3	SOC 205—Intro. to Sociology .....	3
SOC 102—Principles of Geography ..	3	SOC 305—Contemporary Soc. Prob... 3	
SOC 204—Intro. to Sociology .....	3	SOC 308—Methods—Social Statistics. 3	
SOC 306—Social Statistics .....	3	Electives and/or Minor .....	6
**Upper Level Sociology .....	3		
Elective and/or Minor .....	½		
	15½		15

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
SOC 401—Social Psychology .....	3	*Upper Level Sociology .....	3
Electives and/or Minor .....	12	Electives and/or Minor .....	12
	15		15

SOC 102 is a pre-requisite for all majors, minors and area students.

SOC 201-202 are pre-requisites for all students before SOC 204-205.

SOC 204-205 are required before all upper level sociology courses.

SOC 490-491-492—Sociological Practicum (Cooperative Education) is open for a few highly screened students at 0, ½, 1, 1½, etc., up to 6 semester credits, depending on complexity and time, also will go beyond four years when not completed in the summers and regular semesters.

Electives are offered according to availability of professors.

\*SOC 303—Cultural Anthropology and SOC 431—Social Change are recommended.

## CURRICULUM IN THE SOCIAL SCIENCES AREA OF CONCENTRATION

(This track leads to Teacher Certification)

## FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
GUI 100—Freshman Orientation ....	1	ENG 102—English Composition ....	3
ENG 101—English Composition ....	3	Fine Arts (Art, Drama or Music) ....	3
FRE 101—Elementary French .....	3	FRE 102—Elementary French .....	3
or		or	
SPA 101—Elementary Spanish .....	3	SPA 102—Elementary Spanish .....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
PHE —Activity .....	1	PHE —Activity .....	1
SOC 102—Principles of Geography ..	3		
	17		16

## SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
PSY 200—General Psychology .....	3	EDU 222—Human Develop. & Psy II ..	3
ENG 211—Introduction to Literature ..	3	HIS 202—United States History ....	3
HIS 201—United States History ....	3	SCI 202—Introduction to Phy. Sci. ....	3
MAT 100—Fundamentals of Math. ....	3	PHE —Activity .....	1
or		SOC 202—Introduction to Soc. Sci. ....	3
MAT 101—College Algebra .....	3	SOC 211—Geo. of North America ..	3
PHE —Activity .....	1	Elective .....	2
PHS 201—Introduction to Phy. Sci. ....	3		
SOC 201—Introduction to Soc. Sci. ....	3		
	19		18

## JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
ECO 211—Principles of Economics ..	3	**ECO 212—Principles of Economics ..	3
**HIS 301—Modern Europe .....	3	HIS 302—Modern Europe or .....	3
or a Substitute .....	3	or a Substitute .....	3
PHE 221—Health and Safety .....	2	EDU 452—Fundamentals of Secondary ..	3
**POS 111—American Government ..	3	Education .....	3
or a Substitute .....	3	**POS 112—State Government .....	3
SOC 204—Introduction to Sociology ..	3	or a Substitute .....	3
SOC 305—Contemporary Soc. Prob. ....	3	SOC 205—Introduction to Sociology ..	3
	17		15

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
**HIS 405—Southern History or .....	3	*EDU 400—Directed Teaching .....	8
a Substitute .....	3	EDU 410SS—Meth. of Teach. Soc. Sci. ..	3
**HIS 411—Recent European History ..	3	EDU 412—Administration of Pub. Sch. ..	3
or a Substitute .....	3		
Sociology (Upper Level) .....	3		
Electives .....	5½		
	14½		14

\*All prerequisites and requirements including biographies and tests for admission into Directed Teaching are administered by the Department of Education. It is the student's responsibility to meet them.

\*\*This curriculum is rather inflexible. A few special history courses may be substituted for upper level history courses when approved by the Departments of Social Science, History and Political Science.

SOC 490-491-492—Sociological Practicum (Cooperative Education) is open for a few highly selected students at 0, ½, 1, 1½, etc., up to 6 semester credits, depending on complexity and time; also will go beyond four years when not completed in the summers and regular semesters.

Electives are offered according to availability of professors.

## CURRICULUM UNDERGRADUATE MAJOR IN SOCIAL WORK

## FRESHMAN YEAR

Fall Semester	Hours	Spring Semester	Hours
BIO 101—Life Science .....	3	BIO 102—Life Science .....	3
ENG 101—English Comp. ....	3	ENG 102—English Comp. ....	3
MAT 100—Fund. of Math. ....	3	PSY 200—General Psychology ....	3
HIS 101—World Civilization .....	3	HIS 102—World Civilization .....	3
SOW 101—Career Choice and the .....	3	SOW 102—Soc. Welfare Policies and ..	3
Human Science .....	3	Programs .....	3
PHE —Activity .....	1	FINE ARTS—(Art, Drama, or Music) ..	3
	16	PHE —Activity .....	1
			19

## SOPHOMORE YEAR

Fall Semester	Hours	Spring Semester	Hours
SOW 211—Basic Skills in Social .....	3	SOW 212—Economics for Soc. ....	3
Work Methods .....	3	Welfare .....	3
ENG 211—Intro. to Literature .....	3	EUD 222—Human Growth & Dev. II ..	3
SOC 204—Intro. to Sociology .....	3	PHI 320—Moral Philosophy .....	3
ENG 103—Fund. of Speech .....	3	SOC 205—Intro. to Sociology .....	3
PHE 221—Health & Safety Educ. ....	2	SOC 305—Contemp. Social Problems ..	3
PHE —Activity .....	1	PHE —Activity .....	1
EDU 221—Human Growth & Dev. I. ....	3		
	18		16

## JUNIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
SOC 306—Social Statistics .....	3	SOC 304—Minority Groups .....	3
SOC 310—Group Dynamics .....	3	SOC 308—Research Methods .....	3
PSY 400—Abnormal Psychology .....	3	SOW 325—Field Experience .....	3
SOW 324—Field Experience .....	3	SOW 327—Social Work Laboratory ..	2
SOW 326—Social Work Laboratory ..	2	SOW 312—Sociology of Poverty ....	3
PHS 201—Intro. to Physical Sci. ....	3		
	17		14

## SENIOR YEAR

Fall Semester	Hours	Spring Semester	Hours
SOW 424—The Politics of Social .....	3	Social Work Electives (Upper Level) ..	15
Change .....	3		
SOC 401—Social Psychology .....	3		
SOW 426—Human Interaction Seminar ..	4		
Electives .....	6		
	16		15

## COURSE DESCRIPTION

## SOCIOLOGY

## SOCIOLOGY 102. Principles of Geography.

This course represents the basic principles underlying the science of geography and the human use of resources; the earth's form and movement, climate, topography, oceans and other waters, soils, vegetables and minerals. There is no prerequisite, but this course is a prerequisite for majors, minors and the social sciences area of concentration. It is the prerequisite to SOC 211 and 212. Credit 3 hours.



**SOCIOLOGY 201-202**, two semesters. *An introduction to the Social Sciences.*

This is a survey course of the major social sciences. The aim is to introduce students to branches of knowledge brought about by the scientific method of inquiry. There is no prerequisite, but this course is a prerequisite for all majors, minors, the social sciences area of concentration and electives above SOC 201-202. Credit 3 hours for each semester.

**SOCIOLOGY 204-205**, two semesters. *Introduction to Sociology.*

This is the first purely sociological course in the department. It is required for all majors, minors, the social sciences area of concentration and electives above SOC 204-205. It is a prerequisite for all other upper level sociology courses. The approach is conceptual. The aim is to give precision and scientific reference to qualitative thinking. Its substance is ongoing and in foreverness. Prerequisites: SOC 201 and 202. Credit 3 hours.

**SOCIOLOGY 211**. *Regional Geography of North America.*

This is a regional study of North America with an added unit on Hawaii. Emphases are placed upon the natural resources, economic activities of inhabitant, significant features of each region and the importance of human relations to nature and the environment. SOC 102 is a prerequisite. Required for the Social Sciences Area of Concentration. Credit 3 hours.

**SOCIOLOGY 212**. *Geography of Africa: Sub-Sahara Regions.*

The first portion will survey the African continent as a whole, its historical and physical backgrounds, climates, soils, vegetation, peoples, cultures and current developments. The second portion will be descriptive of specific countries, provinces and regions with emphasis upon Sub-Sahara regions. Accredited in the Afro-American Studies program. SOC 102 is a prerequisite. Credit 3 hours.

**SOCIOLOGY 214**. *Geography of Kentucky.*

Prerequisites: SOC 102, SOC 201-202. This course focuses primarily upon the geographic aspects of the State of Kentucky but it also includes its relationship to the surrounding areas. Credit 3 hours.

**SOCIOLOGY 301**. *Medical Sociology.*

Prerequisites: SOC 204-205. The study of social and cultural factors as they pertain to health, illness and individuals' attitudes toward the same. An analysis of the social structure of a hospital and other medical facilities, as well as their impact upon the person. Credit 3 hours.

**SOCIOLOGY 303**. *Cultural Anthropology.*

This course is designed to acquaint the student with the basic processes in the universal behavior of man regardless of time or place, to point out the main relationships between culture and personality and to survey the factual research on unique sub-cultures of man. Individual projects are required, evaluated and displayed. A field trip is standard. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. It is strongly recommended. Credit 3 hours.

**SOCIOLOGY 304**. *Minority Groups.*

The primary aim is to present objective analyses of ethnic groups. The units covered are designed to sharpen the meaning of minorities, minority peoples, cultural differences, attitudes and values and emerging trends in world societies. Accredited in the Afro-American Studies program. Prerequisites: HIS 101-102, SOC 201-202 and 204-205. The latter may be taken concurrently. Credit 3 hours.

**SOCIOLOGY 305**. *Contemporary Social Problems.*

This is a course in critical thinking applied to social problems and the impact of dislocations among social forces. Students work toward understanding and analyzing the nature of the problems and possible adjustments, alleviations or other dispositions of them. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Required for majors and the social sciences area of concentration. Credit 3 hours.

**SOCIOLOGY 308**. *Methods of Social Research.*

This course provides theoretical and practical training in social research methods. Emphases are placed on the study of the roles and tasks of social researchers, construction of data-gathering forms, techniques of data collecting including interviewing, observation, use of schedules and questionnaires and procedures in analysis and interpretation. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Required for majors in sociology and for full graduate entrance. Credit 3 hours.

**SOCIOLOGY 306**. *Introductory Social Statistics.*

This course introduces the theory, logic, formula and use of qualitative and quantitative social statistics as methods of analyzing and refining raw sociological data. Prerequisites include a background in general mathematics, either MAT 100, 101, 102 or 104, etc., with units on algebra preferred. Required for majors in sociology and for full graduate entrance. Lecture and laboratory with assistance from Computer Science. Credit 3 hours.

**SOCIOLOGY 310-311**, two semesters. *Group Dynamics.*

The first semester will focus on theory and skill sessions. The second semester will focus on in-class practicum. Goals are variation of learning related to increased self awareness; uncovering conditions which inhibit or facilitate group functioning; understanding interpersonal operations in groups; developing and employing skills for diagnosing individual, group and organizational behavior. Open by consent of the professor primarily to majors, minors and the social sciences area of concentration. Prerequisites: SOC 201-202 and 204-205. Credit 3 hours each course.

**SOCIOLOGY 312**. *The Sociology of Poverty.*

This course investigates the socio-cultural factors which contribute to poverty and deprivation in rural and urban settings. It analyzes the processes by which social differentiation tends to produce social categories and groups defined as poverty stricken. Prerequisites: SOC 201-202, 204-205 and 305. Credit 3 hours.

**SOCIOLOGY 331**. *Rural Sociology.*

This course introduces the student to the theories, principles and practices of rural society as a basis toward analyzing any society. It serves as a systematic springboard to the investigation of rural and urban society. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Credit 3 hours.

**SOCIOLOGY 333-334**. *Community Organization — Community Development Seminar.*

This course is offered when funded and sponsored by a combination of community related agreements with the institution. Students are selected and limited to 15. Prerequisites: SOC 201-202 and 204-205. Credit 3 hours each course.

**SOCIOLOGY 342. *Deviance.***

Open to advanced only. The method is in the nature of a seminar with degrees of off-campus working-learning-earning cooperative education experiences in which advanced students develop units independently and defend the same. Deviance will pursue theories, pilot research and professionally supervised practicum. Emphasis will be placed on sociological excellence in the classroom in the practical sites of employment as a mode to upgrade the latter. Prerequisites: SOC 201-202, 204-205 and 305 with EDU 433 and 434 strongly recommended. Credit 3 hours.

**SOCIOLOGY 343. *Juvenile Delinquency.***

Emphasis is placed upon factors of causation as revealed through personal, family and community situations conditioning delinquent behavior. Critical evaluations are made about current methods of dealing with juvenile offenders with a view of recommending creative and innovative improvements. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Credit 3 hours.

**SOCIOLOGY 350. *Urban Sociology.***

This course critically examines the social processes, cogent data of the complex array of peoples, the emergence of leadership, the structure of authority and the differentiations between urban social institutions and urban mechanical institutions. It probes the causative inputs to rapid social change in the urbanization-disorganization schemata and the trend toward megalopolis. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Credit 3 hours.

**SOCIOLOGY 400. *Honors Seminar.***

This course is planned to challenge the over and above the classroom intellectual energies of professorial, honor roll and other strong students in concerted ways to afford organized outlets for higher scholarly endeavors. Student and professorial teams in arranged rapport will coordinate the input-output scheme with critical evaluations by all. Credit 1-3 hours.

**SOCIOLOGY 401. *Social Psychology.***

This course studies the individual in the group through transactional analysis. The major content covers the socio-psychological functions of language, of variations among human beings and the social-psychological development of personality. Required for majors in Sociology. Prerequisites: SOC 201-202, PSY 200, and SOC 204-205. In rare cases, selected students may be admitted after satisfying PSY 200. Credit 3 hours.

**SOCIOLOGY 405. *Sociological Theory.***

Open to seniors. This course is identified with systematic sociology. It is the nature of a didactic student-centered exchange in which advanced students shall demonstrate their verbal and written competence in relating to, comparing and contrasting the major theories from Comte to Parsons. Prerequisites: SOC 201, 202, 204, 205, 306, 308 and 401. Credit 3 hours.

**SOCIOLOGY 406. *Contemporary Theory.***

This course focuses upon contemporary sociological theories. It deals in depth with theories pertaining to social phenomena. The objectives of this course are to provide additional exposure of sociological thought to students who are vitally concerned with sociological processes. The course creates a setting for analytical thinking, evaluation and questioning not only contemporary sociological theories,

but also the manifestation of the same. Prerequisites: SOC 201, 202, 301, 302, 306, 308, 401 and 405. Open to seniors only. Credit 3 hours.

**SOCIOLOGY 423. *Criminology.***

This is a study of the general research on criminology from the classical schools to the present with special units on the professional criminal and "white collar" crime. Prerequisites: SOC 201-202 and 204-205. The latter may be taken concurrently. Credit 3 hours.

**SOCIOLOGY 424. *Advanced Social Statistics.***

The utilization of measuring techniques including the application of parametric and nonparametric statistical analysis of sociological data. Prerequisites: SOC 204-205 and SOC 306. Credit 3 hours.

**SOCIOLOGY 425. *Methods of Sociological Research II.***

An advanced course in social research focusing upon the practice of research, problems of observation and data collection, the use of computer and the writing of research proposals. Prerequisites: SOC 204-205, SOC 308. Credit 3 hours.

**SOCIOLOGY 426. *Sociological Theory II.***

The study of contemporary sociological theories including the relationship between theory development and methodology. Prerequisites: SOC 204-205 and SOC 405. Credit 3 hours.

**SOCIOLOGY 427. *Introduction to General Systems.***

The analysis of social systems; i.e., systems science, systems technology and systems philosophy will be centered from the perspective that "reality" is a hierarchy of organized wholes, and "social science is the science of several systems" will be the secondary motif. Prerequisites: SOC 204-205, SOC 308 and SOC 405. Credit 3 hours.

**SOCIOLOGY 431. *Social Change.***

Open to seniors only. This course is in the form of an arena in which advanced students must develop units independently and present a defense of the same. It opens the entire spectrum of sociology for the students to select from in their competition for excellence. Prerequisites: SOC 201-202, 204-205 plus nine more credits earned in upper level sociology. Strongly recommended. Credit 3 hours.

**SOCIOLOGY 441. *Dating, Courtship and Marriage.***

The purpose is to present the most reliable knowledge which exists about dating, mate selection, marriage and remarriage. Students individually or in small groups present their findings for formal evaluation by the entire class which acts as the evaluative critics. Prerequisites: SOC 201-202, 204-205 plus nine more credits earned in upper level sociology. Open to seniors. Credit 3 hours.

**SOCIOLOGY 490-491-492. *Sociological Practicum (Cooperative Education).***

These offerings are in the form of off-campus working-learning-earning experiences for selected students under professional supervision coordinated and evaluated by the University and the employer. Credit ranges from 0, ½, 1½, 2, etc., up to a total of 6 hours for all three segments—an average of 2 hours per experience.

## SOCIAL WORK

### SOCIAL WORK 101. *Career Choice and The Human Service Professions.*

An analysis of career choices in social work and exploration of allied fields. Students will have the opportunity to talk with practitioners, observe personnel in the delivery of human services, participate in group discussions with administrators of agencies, as well as recipients of services. Credit 3 hours.

### SOCIAL WORK 102. *Social Welfare Policies and Programs.*

Emphasis placed on the evaluation of the development, formulation and implementation of social welfare policies and programs to serve the needs of clients. Study of the impact of policy on relationships with systems at the federal, state and local level; the structure and services of public and voluntary social agencies as social systems and subculture; the worker as a professional and employee and social agent within the client system. Prerequisite: SOW 101. Credit 3 hours.

### SOCIAL WORK 211. *Basic Skills in Social Work Methods.*

Designed to provide beginning social work students with a generic approach and basic knowledge of social work methodology. Skills include: problem-solving, techniques, communication, interviewing, recording, knowledge of available community resources, and helping relationships. Prerequisite: SOW 102. Credit 3 hours.

### SOCIAL WORK 212. *Economics for Social Welfare Planning and Policy.*

This course begins with basic concepts in economics that are of particular importance to social workers interested in social welfare planning and policy making. Financing of public programs is considered, and students are introduced to social cost-benefit analysis. Prerequisites: SOW 102 and 211. Credit 3 hours.

### SOCIAL WORK 324-325. *Field Experience.*

Supervised practice experience in public or private social work setting for the student, with field instruction by agency staff. Experiences planned with students in relation to classroom learning. To enable students to gain understanding of people, their problems and needs; to develop helping skills and social work attitudes; and to acquire first-hand knowledge of the function and organization of various community agencies and resources. Weekly progress reports by students and agency staff and final written evaluation of total experience required. Credit calculated on the basis of 30 contact hours per semester. Minimum of 4 hours a week in agency setting. Prerequisites: SOW 102, 211 and 212. Credit 3 hours.

### SOCIAL WORK 326-327. *Social Work Laboratory.*

A weekly seminar with faculty and students held in conjunction with field experience, as a problem-solving medium, for group discussion and sharing among students and faculty, for varied and expanded view of social problems and human needs. Articles from professional social work periodicals, as well as those from other fields, and audio-visual aids will be used when relevant to social issues under discussion. Prerequisites: SOW 102, 211 and 212. Credit 2 hours each course.

### SOCIAL WORK 420. *Social Work Practice in Health Settings.*

This course is designed to introduce the student to the nature and scope of social

work practice in medical and mental health settings. It focuses on the application of the concepts and principles of social work practice with clients. The course includes consideration of the social, emotional and psychological ramifications of patients with acute and chronic illness and disability; direct work with patients and their families; and involvement of the social worker as a member of the interdisciplinary team. Includes study of the concepts of stress, adaptation and change for the client as he copes with his problem. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

### SOCIAL WORK 422. *Social Work Practice in the Schools.*

The major emphasis of the course is the application of the concepts and principles of social work practice to the school setting. The student learns to function in the social work role as a member of a professional team in the school setting. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

### SOCIAL WORK 424. *The Politics of Social Change.*

This course aims at enabling the student in the macrosequence to become more effective in promoting social change by political means. The student will analyze and evaluate political strategies and their most advantageous use, the traditional forms of political articulation and aggregation, i.e., political parties and interest groups, as well as the newer forms, such as community organization, protest and violence, and Nadar-like "professional citizen" groups. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

### SOCIAL WORK 425. *Dynamics of Marriage and Family Relations.*

Examination of the dynamics within marriage and the family from a social work point of view. Consideration of areas of adjustment such as social, emotional, physical, financial, religious and legal. Includes current social changes affecting post-marital relationships and specialized services available to families. Prerequisites: SOC 204 and 205 plus nine more credits earned in upper level Social Work or Sociology. Credit 3 hours.

### SOCIAL WORK 426. *Human Interaction Seminar.*

The course is offered as a facilitator to students in their developing of social work practice skills. It will be handled as a human interaction laboratory in which students create their own social system and then study it. The goals of the course are threefold: (1) to increase the students' self-awareness; (2) to enhance their interpersonal communication skills; (3) to promote their greater understanding of group forces. Teaching strategy includes experimental and didactic elements. Prerequisites: SOW 102, 211, 212, 324 and 326 plus six upper level credits in Social Work. Seniors only. Credit 4 hours.

### SOCIAL WORK 427. *Problems and Dilemma in Authoritarian Settings.*

This course is designed to familiarize students with the problems and dilemmas that arise in the delivery of helping services to clients in authoritarian agencies. This covers correctional settings, mental hospitals, institutions for the retarded, as well as agencies where clients have little choice in coming for help or where clients must come for help as a condition of receiving other services that the agency provides, such as public assistance. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

### SOCIAL WORK 428. *Social Work in Correctional Systems.*

Introduction to juvenile and adult probation and parole, clinical services in juvenile institutions, and classification in prisons. Intended for students planning to enter the corrections field. Field visits, visiting lecturers, individual and

group assignments, review of case recordings, student participation in clientele and family group sessions. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

**SOCIAL WORK 430. *Child Welfare Services***

An analysis of the child welfare movement; contemporary children's agencies and services with emphasis on state and local community resources; programs for improvement of the home for substitute care, for prevention of delinquency, for promotion of good health, for provision of day care facilities for children with special needs including mentally retarded, handicapped and dropouts. Discussions based on selected readings, case recordings, group assignments. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

**SOCIAL WORK 432. *Social Work in Gerontology***

Study of aspects of aging with respect to social and personal difficulties and opportunities: the aging process, retirement, living arrangements, social relationships, government programs, community resources, rejection by families, and death. Field trips and observation of social agencies (housing, recreation, citizen groups), visiting lecturers active in the field to describe services, gaps, and needs of individuals, as well as actual contact and communication with the aged to enrich students' learning experience. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

**SOCIAL WORK 434. *Social Work and the Law***

An inquiry into the social and legal uses of case processing within the judicial system and its function within community and societal structures all having special relevance to social work practice. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

**SOCIAL WORK 435. *Social Work in Rehabilitative Services***

Focus on evolution of services for target groups needing rehabilitation; study of concepts of the rehabilitation process, employment needs, and members; field trips and observations of agencies serving the disabled, visiting lecturers, case studies will be used as learning methods. Prerequisites: SOW 102, 211, 212, 324 and 326. Credit 3 hours.

**SOCIAL WORK 440. *Advance Techniques in Social Work Skills***

Social work techniques will be analyzed with focus on diagnoses of problematic behavior, establishing treatment goals, priorities, and contractual arrangements and for choosing among alternative intervention strategies, and techniques used in individual and group treatment. Prerequisites: SOW 102, 211, 212, 324 and 326, 325 and 327 and six upper level credits in Social Work. Credit 3 hours.

**SOCIAL WORK 450. *Independent Study***

A tutorial-like study providing the student an opportunity to formulate and implement a design for inquiry into a social work issue. Social Work senior majors only. Credit 1-3 hours.

## The Kentucky State University Community College

The Community College is one of the important new and growing programs at Kentucky State University. Its primary aim is to relate the institution and the community via meaningful credit and non-credit instructional activities.

The campus evening class program has been and continues to be the principal medium for achieving this objective. Under the auspices of the Community College program at Kentucky State University, this schedule is expanding and is accommodating students with a broadening variety of interests and ambitions.

Also, commuting students are enrolling in day classes on a part-time basis. Homemakers often find this approach to a college education attractive.

Two-year degrees and one-year certificates are important parts of the Community College program. These are discussed in subsequent paragraphs. Now, a student can work toward a degree or certificate while he holds a full-time position in a nearby factory, office or business.

The Community College provides additional services through short courses, institutes, and conferences. Continuing Education Units (CEU) are available for professional, occupational, and other groups that are interested in advanced or specialized training. Individuals or organizations that have interests in these kinds of programs should communicate with the Community College office, Room 226, Hume Hall.

In the following paragraphs, various guidelines for registration as a part-time student are given. These generally conform to the regulations and schedules set forth elsewhere in this catalogue for full-time students.

### ADMISSION

A part-time student will be admitted to courses for credit in the Community College program if he is eligible for credit as a full-time student at Kentucky State University. Each student is responsible for the submission of the necessary applications and records which verify his eligibility. No credit will be granted until the admission process is completed.

There are no requirements for admission to non-credit courses or to non-credit status in credit courses. These are open to anyone desiring to enroll.

### COUNSELING

Prospective students are urged to visit the Community College office, Room 226 Hume Hall, before registration, in order to discuss matters related to enrollment, transfer of credits, fees, degree plans, etc. This visit should take place soon enough for all admissions procedures to be completed before registration.

Provisions have been made for a special counsellor who is available two evenings each week.

## TRANSFER OF CREDIT

It is the responsibility of the student to ascertain whether specific courses will be accepted by another institution. Generally, transfer of credit is permissible.

## REGISTRATION DATES AND TIMES

The dates and times for registration will be announced for each semester. For evening and part-time students the period to register usually includes several days and at least one evening in order to accommodate those who are employed.

## REGISTRATION PLACE

The Community College office, Room 226 of Hume Hall, is the place to report for registration.

## REGISTRATION DEADLINE

In order to enroll for credit, a person must register before a class begins its second week of meetings.

## LATE REGISTRATION

An extra fee must be paid at the time of registration by anyone who enrolls after a class has met the first time. Late registration continues until the day a class begins its second week.

## REGISTRATION FEES

The fees for undergraduate courses for Kentucky residents who are part-time students are \$18 per semester hour of credit. Out-of-state residents pay \$40 per hour of credit. A \$1 service charge will be added to the total amount of the registration fee for each part-time student. Also, there is a part-time activity charge of \$7.50 for a student taking 3-11 credit hours. Full-time students, Kentucky residents, non-boarding, pay a total of \$240; out-of-state residents, non-boarding, \$505. The amounts of registration fees are established by the Kentucky Council of Public Higher Education and are subject to revision periodically.

Fees for non-credit offerings vary according to the course.

## VETERANS

Students who are eligible for veterans' benefits should visit the Community College office several weeks before they enroll in order to complete necessary application forms. Those who apply at the time of registration probably will experience delays in receiving their benefit payments.

## REFUNDS

For anyone who withdraws before the deadline, there will be a full or partial refund of the registration fee, the amount depending on the date of withdrawal. The official date of withdrawal is the date the written notice is received by the Community College office. The withdrawal deadline will be announced at the beginning of each semester.

## CALENDAR

The Community College calendars are essentially the same as those listed in the front of this catalogue. Any variations will be announced at the beginning of each semester.

## NUMBER OF CLASS MEETINGS

Every course, unless otherwise specified, is to meet during at least sixteen of the total number of weeks during the semester.

## CURRICULA

The patterns of study of the Community College are planned to meet the needs of several groups of students:

- (1) those who desire to extend their education two years beyond high school and to pursue subjects that will round out and complete their general education,
- (2) those who desire to complete a four-year college education and to obtain the first two years in a college near their homes,
- (3) those who expect to enter professional schools later and who desire to obtain the pre-professional training essential for that purpose,
- (4) those who want to improve themselves culturally or who want to learn for personal enjoyment, and
- (5) those who desire training in special areas which will prepare them for positions in government, business and industry.

## ASSOCIATE DEGREES AND CERTIFICATES

Seventeen curricula are in operation. They are Accounting Technology, Child Development and Family Relations, Commercial Music, Computer Science, Criminal Justice Education, Food Service Management, General Education, Industrial Technology (Drafting and Design Technology, Electronics Technology, Fire Service Technology, and Metals Technology), Library Technology, Medical Records Technology, Nursing Education, Office Administration (Two Years and One Year), and Real Estate. Others are under consideration.

## ACCOUNTING TECHNOLOGY

By taking the courses in this curriculum, under the Department of Business and Economics, a person will be enabled to specialize in accounting and to receive an associate degree. There are related business courses and a number of general education subjects. A graduate of the program will be prepared to do accounting in business and government.



## CHILD DEVELOPMENT AND FAMILY RELATIONS

The basic purpose of the Child Development and Family Relations program sponsored by the Department of Home Economics is to promote a system of training for individuals who are now working with pre-school children, and for those planning to enter the field. The program will be based on courses taken, and the individual's demonstrated competency to assume primary responsibility for education and development of a group of young children. The practicum may be received through field supervision of those persons employed in early childhood programs.

## COMMERCIAL MUSIC

The associate of Applied Music Degree in Commercial Music is designed to prepare students for careers in the music industry primarily as performers. Opportunities, however, are available to pursue concentrated studies in the areas of theory and composition and/or studio technical work. The program is occupational in nature and is essentially structured to aid graduates in their quests for positions as musical entertainers.

Students who wish to continue beyond the Associate Degree level will learn that, with the exception of general education courses, most required music courses will have been already completed.

## COMPUTER SCIENCE

The Computer Science program offers an associate degree in Computer Science for students who plan careers in data processing and related computer activities. The program may also be used as a foundation for those desiring to pursue bachelor's degrees. The objectives are to provide (1) an understanding of how computers operate; (2) a working knowledge of computer concepts, programming, and systems; (3) an experience with computers through in-service training; and (4) a foundation through basic courses for further college study.

Graduates of this associate degree program are equipped with training and experience for employment as programmers and systems workers in data centers. To provide meaningful experiences, the University not only operates a data center but maintains close relationship with several local computer installations.

## CRIMINAL JUSTICE EDUCATION

This program offers opportunities for (1) in-service workers in the broad field of criminal justice and for (2) pre-service students to obtain degrees in a minimum number of semesters. *The emphasis is on preparation for careers in law enforcement*, however, the credits may be applied to the bachelors degree in Criminal Justice Education.

## FOOD SERVICE MANAGEMENT

The two-year degree program in food service management offers the opportunity to gain technical skills in food preparation and service, nutrition and menu planning, food standards and sanitation, equipment selection and maintenance, and management along with a liberal arts education. English courses as

well as courses in the humanities and social sciences are required. Internship in the food service field provide firsthand experience in on-the-job supervision and problem solving situations.

## GENERAL EDUCATION

Some students desire to complete their formal education in the Community College. They are not interested in preparing to enter specific positions after graduation, or in working toward four-year degrees. Such students register in the two-year general education curriculum, consisting of the basic curriculum and such other curricula as they desire and are qualified to enter. Counselors will help the students to choose electives which will make it possible to explore new fields of study in accordance with the students' interests.

Courses, totaling 65 credits, for the Associate in Arts Degree-General Education should be selected from the general education curriculum, mentioned above, which is described elsewhere in the catalogue.

## INDUSTRIAL TECHNOLOGY

The Community College, in cooperation with the Department of Industrial Education, offers a two-year associate degree program which is designed to prepare and/or upgrade industrial technicians. In this program a student may major in Drafting and Design Technology, Electronics Technology, Fire Service Technology, or Metals Technology. Each major provides a background in general education and technology which enables students to perform intelligently on the job and where applicable, pursue four-year degrees if they choose to do so.

*Drafting and Design Technology.* This major is designed to prepare graduates who can function as technicians in several types of industries such as manufacturing, construction, architects' firms, engineering establishments, and governmental agencies.

*Electronic Technology.* This major is designed for students who are preparing for employment as technicians or who are employed as technicians in careers which relate to electronics technology such as basic electrical assembler, basic electrician trainee, electrical equipment installer, component tester, commercial electrician trainee, electrical appliance mechanic, equipment installer, electric motor technician and other careers depending upon the employing agency.

*Fire Service Technology.* Course work in this major emphasizes the mastery of appropriate fire service skills and knowledge which are appropriate to the development of mature judgments in fire fighting methods and techniques, investigation and fire service administration.

*Metals Technology.* A combination of technical courses designed to prepare or upgrade personnel for technician level jobs which relate to mechanical fabrication of materials, including tools, machines, processes, production planning, and material science. In addition to career opportunities, students who complete this two-year major may apply designated course credit toward the four-year major in manufacturing technology at Kentucky State University.

Refer to the Industrial Education section of this catalog for a list of courses and course descriptions for each of these majors.

## LIBRARY TECHNOLOGY

This degree offers preparation for careers in public, technical, industrial, and school libraries. Technicians work in conjunction with professional librarians. They are trained in the acquisition and cataloging of books and other materials. They assist in circulation activity with the public and they answer certain reference questions. The technician supervises non-technical personnel.

## MEDICAL RECORDS TECHNOLOGY

The Biology Department has developed a program of study for those individuals who are interested in a two-year associate degree in Medical Record Technology. This interdisciplinary curriculum provides experiences in those subject areas that are important in the maintenance of health care records.

## NURSING EDUCATION

The Nursing Education program is accredited by the National League of Nursing and by the Kentucky State Board of Nursing Education and Nurse Registration which supervises all preparation programs in the Commonwealth and which conducts the licensing examination for prospective registered nurses (R.N.'s).

The Nursing Education program provides for its students a well organized two-year curriculum which includes general education and professional courses. The program is designed to prepare both men and women to become registered nurses who can function with intellectual and technical competency. It combines studies at the University with planned and guided experience in patient care in hospitals and health agencies.

With this educational background, the graduate is prepared for beginning staff nursing positions in all clinical nursing areas.

## OFFICE ADMINISTRATION (TWO YEARS)

Through its two-year curriculum in Office Administration, the Community College program of Kentucky State University offers an area of training designed to prepare a student for employment in general secretarial and clerical fields.

This program is especially planned for the person who does not wish to pursue a bachelor's degree, but is interested in acquiring the requisite proficiencies and skills for gainful employment and who desires the collegiate background that will contribute to advancement after a two-year period of matriculation.

## OFFICE ADMINISTRATION (ONE YEAR)

Through its one-year curriculum in Office Administration, the Community College provides intensive training for the individual who desires secretarial or clerical employment after a minimum time period, yet who wants a well-rounded preparation.

## REAL ESTATE

As the economy progresses and population grows, there has been an accompanying increase in demand for all types of real estate, housing in particular. Consequently, there has been an increase in demand for competent and professional persons in the real estate field. This particular program is purposely designed to meet this challenging demand.

The Associate Degree in Real Estate program is designed to prepare students with principles, concepts and working knowledge of the real estate field which will enable them to pursue careers in the real estate industry.

## ADDITIONAL INFORMATION

*Prospective enrollees for any of the above programs may write or call the Community College office, Room 226, Hume Hall, for detailed information about entrance requirements, specific courses, and schedules. Brochures which describe each existing program are available now, and brochures which describe the new programs will be prepared prior to the beginning of each program.*



## Government and Control

Under the provision of legislation enacted by the 1956 General Assembly of Kentucky, the control of Kentucky State University is vested in the University Board of Regents.

This Board is composed of eight members appointed by the Governor of Kentucky for overlapping four-year terms, one faculty representative elected by the faculty and one student representative elected by the student body.

### MEMBERS OF THE BOARD OF REGENTS

JOSEPH P. LEONE, Frankfort, Chairman  
Term expires January 8, 1980

JOHN B. ASTLES, Covington  
Term expires January 8, 1980

GREEN V. CURRY, Louisville, Alumni Representative  
Term expires January 8, 1980

RODNEY T. GROSS, Grayson  
Term expires May, 1978

HENNING HILLIARD, Louisville  
Term expires March 31, 1976)

ELLIOTT H. MARCUS, Frankfort  
Term expires March 31, 1977

ANDREW W. MORTON, Paducah  
Term expires May, 1978

GERTRUDE C. RIDGEL, Frankfort, Faculty Representative  
Term expires March 31, 1977

O. M. TRAVIS, JR., Lexington  
Term expires March 31, 1977

HETTIE OLDHAM, Frankfort, Student Representative  
Term expires April, 1977

The said Board shall adopt such policies and regulations for the government of Kentucky State University and guidance of the employees as the Board may deem proper.

### PRESIDENT OF THE UNIVERSITY

Immediate executive control of Kentucky State University is effected through the President, the chief executive officer, appointed by the Board of Regents. Subject to control of the Board, the President shall have supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

### THE EXECUTIVE COUNCIL

The Executive Council membership is composed of representatives of the university faculty, staff, student body and administration. The Council serves in an advisory capacity to the President in matters that affect the general welfare of the faculty, staff, students and the University.

## THE INSTRUCTIONAL FACULTY

The Instructional Faculty consisting of the President, Vice President for Academic Affairs, Dean of Admissions and Registrar, chairpersons of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the University. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

### ADMINISTRATION

William A. Butts, B.S., M.S., Ph.D. .... *President*  
Donald F. Blake, B.A., B.S., M.S., Ph.D. .... *Acting Vice President for Academic Affairs*  
Eddie W. Morris, B.A., M.A., Ed.D. .... *Dean of Admissions and Registrar*  
Frank D. Bean, B.A., M.A., Ed.D. .... *Dean of Community College*  
Herman Robinson, B.S. .... *Vice President for Business Affairs*  
Johnny D. Sheppard, Ph.D. .... *Dean of Student Affairs*  
Bernard Taylor, A.B. .... *Dean of Development*  
Rufus L. Barfield, A.B., M.A., Ph.D. .... *Dean of Planning*

### ADMINISTRATIVE STAFF OFFICERS

#### OFFICE OF THE PRESIDENT

William A. Butts, Ph.D., .... *President*  
Freddie L. Richards, Ph.D., .... *Administrative Assistant*  
William T. Simmons, Jr., B.S., .... *Executive Secretary*  
Bernard Taylor, B.A., .... *Dean of Development*  
Rufus L. Barfield, A.B., M.A., Ph.D. .... *Dean of Planning*

#### OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS

Donald F. Blake .... *Acting Vice President*  
Shirley D. Craig, Ph.D., .... *Dean of Academic Services*  
Minerva S. Figgs, M.S., .... *AIDP Coordinator*

#### OFFICE OF THE DEAN OF ADMISSIONS AND REGISTRAR

Eddie W. Morris, Ed.D., .... *Dean*  
Lyman R. Dale, M.A., .... *Associate Dean*  
M. Dianne Mason, M.A., .... *Supervisor of Student Recruitment*

#### OFFICE OF THE COMMUNITY COLLEGE

Frank D. Bean, Ed.D., .... *Dean*

#### OFFICE OF THE VICE PRESIDENT FOR BUSINESS AFFAIRS

Herman Robinson, B.S., .... *Vice President*  
N. R. Jain, M.B.A., .... *Assistant Vice President*  
William T. Lackey, B.S., .... *Assistant to the Vice President*  
Ralph Pardue, M.P.A., .... *Director of Purchasing*  
Vernon H. Hurt, B.S., .... *Director of Financial Aid*

## OFFICE OF STUDENT PERSONNEL

Johnny D. Sheppard, Ph.D., ..... *Dean*  
 Willard Williamson, M.S., ..... *Associate Dean—Activities*  
 Odessa C. Green, B.S., ..... *Associate Dean—Housing*  
 Harold Toliver, Ed.D., ..... *Director of Student Center*  
 Walter D. Bell, B.A., ..... *Director of Career Planning and Placement*

## BLAZER LIBRARY

Donald Lyons, M.S.L.S., ..... *Director of Libraries*  
 Lillian T. Wright, M.S.L.S., ..... *Head of Technical Services*  
 Karen C. McDaniel, M.S.L.S., ..... *Head of Public Services*

## OFFICE OF MAINTENANCE AND OPERATIONS

Brooks Giles, Jr., M.A., ..... *Director*  
 Charles G. Doughitt, Jr., B.S., ..... *Assistant Director*  
 Charles E. Johnson ..... *Chief of Security*

## SUPPORT OFFICES

Jimmy L. Williams, B.S., ..... *Director of Alumni Affairs*  
 Charles Williams, B.A., ..... *Director of Alumni Affairs*  
 Alma A. Richardson, B.S., ..... *Director of Duplication*  
 Anna C. Surratt, B.S., ..... *Manager of Bookstore*  
 Carl Peak ..... *Manager of Warehouse*  
 Kenny Snelling, B.S., ..... *Director of Sports Information*  
 Thomas C. Greenland, Ph.D., ..... *Director of Testing*

## FACULTY

## WILLIAM A. BUTTS

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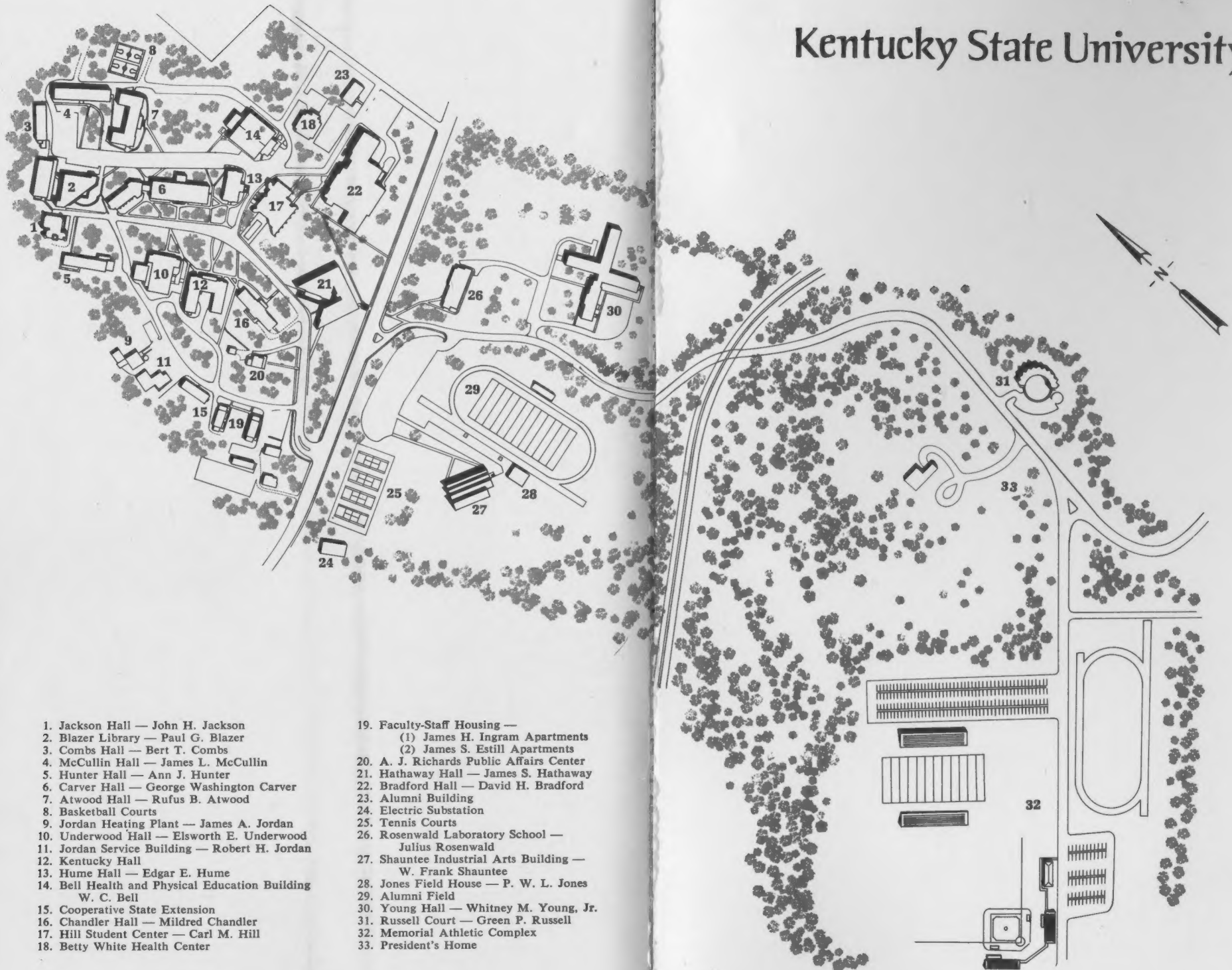
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# Kentucky State University



1. Jackson Hall — John H. Jackson
2. Blazer Library — Paul G. Blazer
3. Combs Hall — Bert T. Combs
4. McCullin Hall — James L. McCullin
5. Hunter Hall — Ann J. Hunter
6. Carver Hall — George Washington Carver
7. Atwood Hall — Rufus B. Atwood
8. Basketball Courts
9. Jordan Heating Plant — James A. Jordan
10. Underwood Hall — Elsworth E. Underwood
11. Jordan Service Building — Robert H. Jordan
12. Kentucky Hall
13. Hume Hall — Edgar E. Hume
14. Bell Health and Physical Education Building — W. C. Bell
15. Cooperative State Extension
16. Chandler Hall — Mildred Chandler
17. Hill Student Center — Carl M. Hill
18. Betty White Health Center

19. Faculty-Staff Housing —
  - (1) James H. Ingram Apartments
  - (2) James S. Estill Apartments
20. A. J. Richards Public Affairs Center
21. Hathaway Hall — James S. Hathaway
22. Bradford Hall — David H. Bradford
23. Alumni Building
24. Electric Substation
25. Tennis Courts
26. Rosenwald Laboratory School — Julius Rosenwald
27. Shauntee Industrial Arts Building — W. Frank Shauntee
28. Jones Field House — P. W. L. Jones
29. Alumni Field
30. Young Hall — Whitney M. Young, Jr.
31. Russell Court — Green P. Russell
32. Memorial Athletic Complex
33. President's Home

